



B. Cole Sculp

The LONDON and COUNTRY BUILDER'S
VADE MECUM:
 Or, The COMPLETE and UNIVERSAL
ESTIMATOR.

Comprehending the LONDON and COUNTRY PRICES of the
 different Works of

BRICKLAYERS, GLAZIERS, PAINTERS,
 MASONS, PLUMBERS, PAVIOURS,
 CARPENTERS, SLATERS, CARVERS,
 JOYNNERS, PLAISTERERS, SMITHS, &c.

Interspersed with such useful and necessary RULES and OBSERVATIONS as are of the greatest Consequence in estimating of any Building. With a great Variety of new and useful Tables, indispensibly necessary for the more exact and expeditious casting up, or estimating any Sort of Work, viz.

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>I. A Table for the reducing of Brick-Work of any Thickness to the Statute Thickness of a Brick and a Half.</p> <p>II. A Table which shews how many Bricks are sufficient to build any Piece of Brick-Work, of any Number of Feet and Thickness.</p> <p>III. A Table of Tiling, whereby is shewn how many Tiles will cover any Roof.</p> <p>IV. Variety of Tables, which shew the proper Scantling to cut Timber to, fit for any Building, and for valuing the same, at per Foot, lineal Measure.</p> <p>V. A Table of Pavements, shewing how many Bricks, Pammants, &c. will pave any Floor.</p> | <p>VI. Variety of Tables for shewing the Value of all Sorts of Nails, Bolts, Hinges, &c.</p> <p>VII. A Table of Solid Measure, for measuring of Timber or Stone that is either round, square, or unequal sided, and the Content given in Feet, Inches, and Parts.</p> <p>VIII. A Table of Flat Measure, for the measuring of Board, Plank, Glafs, &c. and the Content given in Feet, Inches, and Parts.</p> <p>IX. A Table for the ready casting up what any Number of Feet, Yards, Squares, Rods, &c. come to, at any Price per Foot, Yard, &c.</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

With a complete Index to the Whole.

By **WILLIAM SALMON,**
 Author of THE COUNTRY BUILDER'S ESTIMATOR.

The FIFTH EDITION, Revised and Corrected,
 With many large Improvements and Alterations throughout the Whole,
 By **JOHN GREEN,** Architect, in Salisbury.

L O N D O N,
 Printed for S. CROWDER, No. 12, in Pater-Noster-Row, and
 B. COLLINS, in Salisbury. 1773.
 [Price Three Shillings and Six-Pence.]

P R E F A C E.

FROM the various Customs of Countries, in respect to the Charge of Workmen's Wages, and the Difference in the Prices of Materials used in Building, it may seem to some People next to impossible to set the Price, or give Rules for the valuing of all Sorts of Work required in Building, in such a Manner as to be of general and universal Use all over England.

But tho' this be a great Objection, it is the only one of any Weight that can be alledged against a Work of this Nature. And this, however great in itself, or may seem to be at the first View, yet if the Reader will be so good to himself, and so just to the Author, to suspend his Judgment for a while, until he hath duly observed and weighed these following Particulars, together with what Observation he will meet with in the following Sheets, I doubt not but he will be of another Way of thinking than at present, and those Objections which at first seemed to him as a huge Precipice to climb over, will at the End appear a plain even Path to tread in.

FIRST, I would have the Reader observe that the Prices here inserted are such as are used in London, and in divers other Parts of the Country, where the Work is done according to the various Prices of the Materials and Labour of that Part of the Country.

SECOND, Amongst all the various Sorts of Work required in Building, I know of none wherein the Prices of Work differ more, in different Countries, than in Bricklayer's Work, and in particular in the Article of Brick-Work, there being such vast Variety in Prices of Bricks in different Countries, as well as in the different Sorts at the same Place, according to their Goodness, all which must necessarily occasion a proportionable Difference in the Price of a Rod of Brick-Work, as well in the several Countries where the Prices differ, as in the same Place, according to the different Sorts of Bricks that the Work is done with.

To remove this Obstacle, of this Treatise's being of General Use in this Particular, I have in Page 2d and 3d, given an Estimation of the Quantity of Materials of each Sort to a Rod, with some Observations on the Occasion of the Difference in the Prices thereof, and a TABLE calculated to shew the Value of one Rod of Brick-Work, according to twenty different Prices of Bricks per Thousand.

But if there should be any Difference in the Workmanship, as there will, in some Countries, from the various Charge of Workmen's Wages, you may still know the Value of a Rod by the Table, by observing that a Trowel-man and Labourer, although but slow, can perform one Rod of rough Work in five Days, for which in the Table there is allowed about 18s. so that if the Workmen's Wages come to more or less than what is allowed in the Table, it is very easy to make a suitable Allowance.

THIRD,

P R E F A C E.

THIRD, The greatest Obstacle in Carpenter's Work is in fixing upon any set Price for a Square of Framing, with the Timber included, in Building of a House, Barn, Stable, &c. since the various Magnitudes of Building require different Scantlings of Timber, and consequently the Value of a Square of Framing must be more or less in Proportion thereto.

To remove this Obstacle, I have given the London and Colchester Prices of the Workmanship of Framing a Square, of every Part of a Building, and in Page 20 and 21 laid down infallible Rules, for finding the exact Value of the Timber therein contained, of what Magnitude soever. And tho' the Prices of the Workmanship may differ in some Countries from what is there inserted, by Reason of the Difference in Workmen's Wages, yet it is very easy for any Person that knows the Charge of the Workmen's Wages in any Place, to make a suitable Allowance.

Upon the Whole. Altho' I have spared for neither Pains nor Expence to procure the best Intelligence I could, both from Authors, Surveyors, and the most able and experienced Workmen of several Denominations, besides my own daily Experience for many Years, in order to be as exact as the Nature of the Thing would possibly admit of, yet these Prices are not to be so absolutely relied on, but that there may be frequent Occasions in Practice, which may render it necessary sometimes to deviate from them; as for Example,

Extra-Work and Materials may require an augmentation of both; or very bad Materials to work, or may require less for the Materials and more for the Work; or but indifferent Materials and Work may require a less Price of both; so that in either of these Cases the Discretion of the Artist must determine which is necessary.

The Carriage of the Materials and Scaffolding is excepted in all the Works herein mentioned; and therefore, when they are to be included, a suitable Allowance must be made.

The whole Design of this Treatise is to instruct the ignorant in the Prices and Method of Estimating, to remind the Knowing in what, thro' Want of Practice, they may have forgotten; or to inform them in such Particulars as they have never practised. Or,

LASTLY, To assist them in estimating a Design with more Expedition; in one of which Cases it may be of some Service to the most knowing and skilful, and I believe I may venture to say no Man is so perfect but what may stand in Need of some Assistance; for as Astronomers truly observe, that bright Luminary, the Sun, altho' indued with such transcendent Lustre, as not only to out-shine, but even to obscure all the other Luminaries, yet hath he some Spots.

To conclude. From a Sense of the fatal Consequences that Mistakes in printing must occasion in Works of this Nature, I have re-examined every Sheet from the Press, and every Number in the Tables, so that I have Reason to believe they are all correct: Yet if after all my Pains I should meet with Censure, it is but the common Fate of all Authors, and therefore I am content.





THE COMPLETE ESTIMATOR.

S E C T I. OF BRICKLAYERS WORK.

	l.	s.	d.
1. D IGGING Foundation, per Yard, Cube,	0	0	5
2. Ditto, and carrying away, per Yard,	0	1	8
3. Red Stock Bricks, in London, —	1	10	0
4. Grey Stock Bricks, per Thousand —	1	1	0
5. Place Bricks, per Thousand, — —	0	15	0
6. Bricks in the Country, from 20s. to —	1	5	0
7. Cutting Bricks, for rubbed and gauged Work, }	2	10	0
2l. or — — — — —			
8. Plain Tiles, per Thousand, from 18s. to —	1	1	0
9. Pan Tiles, per Thousand, 3l. or —	3	10	0
10. Dutch glazed Pan Tiles, per Hundred, —	0	10	0
11. Gutter Tiles, per Hundred, from 12s. to	0	16	0
12. Brick Work, done with Place Brick, from 6l. to	6	10	0
13. Ditto, with the Fronts faced with Grey Stock } Bricks, per Rod, — — — — —	7	10	0
14. Brick Walls in the Country, are from 7l. 10s. to } 8l. or, per Rod, — — — — —	8	10	0
15. Ditto, Workmanship only, from 1l. 5s. or, per Rod,	1	8	0
16. Brick Fronts are from 8l. to 3l. 10s. or, per Rod,	9	0	0
B			One

OF BRICKLAYERS WORK.

One Rod of Brick-Work at the standard Thickness of a Brick and Half, will require 4500 Bricks, one Hundred and a Quarter of Lime, and two Load and a Half of Sand.

Whereas there is a wide Difference in a Rod of Brick-Work, according to the various Customs of Countries, as has been already observed; it will be proper for the Workmen first to enquire at what Rate he can have his Bricks brought into that Part of the Country where the Work is to be performed, and likewise the Charge of Mortar and Workmanship. It will, by this Means, be very easy to make a true Estimate of his Work per Rod, let it be done in any Part of the Country whatever.

I shall here subjoin a Table which will shew the Value of one Rod of Brick-Work, &c. according to the Statute Thickness of one Brick and a Half, allowing 4500 Bricks to a Rod, and two Pounds two Shillings for Mortar and Workmanship, and according to twenty-one different Prices of Bricks per Thousand.

The T A B L E

	s.			l.	s.	d.
		A	B			
The Value of one Rod of Brick-Work, allowing Two Pounds Two Shillings for Mortar and Workmanship, and Bricks 4500, at	10 per Thousand,	—	—	4	7	0
	11 per Ditto,	—	—	4	11	6
	12 per Ditto,	—	—	4	16	0
	13 per Ditto,	—	—	5	0	6
	14 per Ditto,	—	—	5	5	0
	15 per Ditto,	—	—	5	9	6
	16 per Ditto,	—	—	5	14	0
	17 per Ditto,	—	—	5	18	6
	18 per Ditto,	—	—	6	3	0
	19 per Ditto,	—	—	6	7	6
	20 per Ditto,	—	—	6	12	0
	21 per Ditto,	—	—	6	16	6
	22 per Ditto,	—	—	7	1	0
	23 per Ditto,	—	—	7	5	6
	24 per Ditto,	—	—	7	10	0
	25 per Ditto,	—	—	7	14	6
	26 per Ditto,	—	—	7	19	0
	27 per Ditto,	—	—	8	3	6
	28 per Ditto,	—	—	8	8	0
	29 per Ditto,	—	—	8	12	6
	30 per Ditto,	—	—	8	17	0

The Use of the Table.

First seek the Price you can have the Bricks at per Thousand. in the first Column of the Table; and right against it, you have the Price of one Rod of Brick-work, as required.

Example

Example 1.

What is the Value of one Rod of Brick-work, supposing the Bricks to cost sixteen Shillings per Thousand? Seek for sixteen Shillings in the first Column, and right against it you have five Pounds fourteen Shillings, the Price required.

	l.	s.	d.
17. Red and grey Arches, gauged, and set in Puttey, } per Foot, superficial, _____	0	1	6
18. Rubbed Arches of any Sort, with fine red Bricks, } per Foot, superficial, _____	0	1	8
19. Workmanship only, per Foot, _____	0	1	0
20. Rubbed Returns from 3d. to, per Foot, superficial,	0	0	4
21. Groins cut to Arches, per Foot, running,	0	0	9
22. Plain Facio's rubbed, per Foot, superficial,	0	1	1
23. Workmanship to Ditto only, _____	0	0	8
24. Brick Cornishes, with fine rubbing Bricks, per } Foot, lineal Measure, from 4s. to _____	0	5	0
25. Workmanship only, per Foot, from 3s.	0	3	6
26. Under-pinning, per Foot, running from 5d. to	0	0	6
27. Workmanship only, from 1d. to _____	0	0	1½
28. Digging and bricking of new Wells, the Depth } only considered, per Foot, 7s. 6d. or _____	0	8	0
29. Workmanship, from 2s. 6d. to _____	0	3	6
30. Place Bricks paving, laid flat and dry, per Yard,	0	1	2
31. Ditto, in Mortar, per Yard, _____	0	1	4
Note, Thirty-two Bricks laid flat, will pave a Yard square, and sixty-four Edge-ways.			
32. 12 Inch Tile paving, per Yard, _____	0	3	6
33. 10 Inch Ditto, per Yard, _____	0	3	0
34. Plain Tiling, if to an 8 Inch Gauge, per Square,	1	4	0
35. If to a 7 Inch Gauge, per Square, _____	1	7	0
36. If to a 6 Inch Gauge, per Square, _____	1	10	0
37. Workmanship only, from 3s. 6d. per Square, to	0	4	0
38. Old plain Tiling, ripped, and new laid, per } Square, according to the Goodness of the Tiles, from _____	0	18	0
14s. to _____			
40. Pantiling, not pointed, per Square, _____	0	18	0
41. Ditto pointed, per Square, _____	1	1	0
42. Workmanship, when pointed, per Square,	0	2	0
43. Pantiling with old Pantiles, per Square, 10s. or	0	10	6
44. Dutch glazed Pantiling, per Square, _____	1	16	0
45. English Ditto, per Square, from 11. 10s. to	1	12	0

The Materials required to a Square of plain Tiling, at a six Inch Gauge: Seven hundred and sixty Tiles, one Peck of Tile-pins, two Bushels

Bushels of Lime, five Bushels of Sand, one Bundle of Laths, and between five and six hundred of Nails: commonly one Square is accounted a Day's Work of a Trowel-Man and Labourer.

The EXPLANATION and Use of the following TABLE of BRICK-WORK, reduced.

This Table, by Inspection, shews how many Rods, Quarters of Rods, Feet, and Inches, are contained in any Number of superficial Feet, from 1 Foot, to 28,000 Feet, and so on AD INFINITUM; and from Half a Brick thick, to Two and a Half, five, or ten Bricks thick.

This Table consists of three Pages, and over every Column in each Page, is written the Contents thereof. In the first Column of every Page, is to be sought the Number of superficial Feet to be reduced.

Example 1.

Suppose a Piece of Brick Work, fifty Feet long, and eight Feet high, and two Bricks and a Half Thick; what is the reduced Content thereof?

First, Multiply fifty Foot, the Length, by eight Foot, the Height, and the Product is 400 Feet.

Secondly, Seek in the first Column of the Table for 400 Feet, which you will find about the Middle of the third Page thereof, right against which, under two Bricks and a Half, is 2, 1, 54, 8, viz. 2 Rods, 1 Quarter of a Rod, 54 Feet, and 8 Inches, the true reduced Content required.

Note, The Letters, r. q. f. i. on the Top of every Column, stand for Rods, Quarters of Rods, Feet, and Inches, and the Figures under them, are of the same Denomination.

Example 2.

What is the Content of a Piece of Brick Work, whose Superficies is 397 Feet, and Thickness Half a Brick?

Now as the superficial Content given, viz. 397, cannot be found in the Table at once, you must in this, and the like Case, take it out at twice, or thrice, or as often as the Case requires, until you have the Whole: thus;

	r.	q.	f.	i.
300 Feet, at Half a Brick thick is,	0	1	32	0
97 at Ditto, ——— ——— ———	0	0	32	4
<hr/> 397 Feet, at Half a Brick thick, is	<hr/> 0	<hr/> 1	<hr/> 64	<hr/> 4

That is, 397 Feet, at Half a Brick thick, is one Quarter of a Rod, 64 Feet, 4 Inches.

A TABLE of BRICK-WORK reduced.

5

Square Feet.	$\frac{1}{2}$ Brick				1 Brick.				1 Brick $\frac{1}{2}$				2 Bricks.				2 Bricks $\frac{1}{2}$			
	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.
1			0	4			0	8			1	0			1	4			1	8
2			0	8			1	4			2	0			2	8			3	4
3			1	0			2	0			3	0			4	0			5	0
4			1	4			2	8			4	0			5	4			6	8
5			1	8			3	4			5	0			6	8			8	4
6			2	0			4	0			6	0			8	0		10	0	0
7			2	4			4	8			7	0			9	4		11	8	
8			2	8			5	4			8	0			10	8		13	4	
9			3	0			6	0			9	0			12	0		15	0	8
10			3	4			6	8			10	0			13	4		16	8	
11			3	8			7	4			11	0			14	8		18	4	0
12			4	0			8	0			12	0			16	0		20	0	8
13			4	4			8	8			13	0			17	4		21	8	
14			4	8			9	4			14	0			18	8		23	4	0
15			5	0			10	0			15	0			20	0		25	0	8
16			5	4			10	8			16	0			21	4		26	8	
17			5	8			11	4			17	0			22	8		28	4	0
18			6	0			12	0			18	0			24	0		30	0	8
19			6	4			12	8			19	0			25	4		31	8	
20			6	8			13	4			20	0			26	8		33	4	0
21			7	0			14	0			21	0			28	0		35	0	8
22			7	4			14	8			22	0			29	4		36	8	
23			7	8			15	4			23	0			30	8		38	4	0
24			8	0			16	0			24	0			32	0		40	0	8
25			8	4			16	8			25	0			33	4		41	8	
26			8	8			17	4			26	0			34	8		43	4	0
27			9	0			18	0			27	0			36	0		45	0	8
28			9	4			18	8			28	0			37	4		46	8	
29			9	8			19	4			29	0			38	8		48	4	0
30			10	0			20	0			30	0			40	0		50	0	8
31			10	4			20	8			31	0			41	4		51	8	
32			10	8			21	4			32	0			42	8		53	4	0
33			11	0			22	0			33	0			44	0		55	0	8
34			11	4			22	8			34	0			45	4		56	8	
35			11	8			23	4			35	0			46	8		58	4	0
36			12	0			24	0			36	0			48	0		60	0	8
37			12	4			24	8			37	0			49	4		61	8	
38			12	8			25	4			38	0			50	8		63	4	0
39			13	0			26	0			39	0			52	0		65	0	8
40			13	4			26	8			40	0			53	4		66	8	
41			13	8			27	4			41	0			54	8	I	0	4	0
42			14	0			28	0			42	0			56	0	I	2	0	8
43			14	4			28	8			43	0			57	4	I	3	8	
44			14	8			29	4			44	0			58	8	I	5	4	0
45			15	0			30	0			45	0			60	0	I	7	0	

6 A TABLE of BRICK-WORK reduced.

Square Feet.	$\frac{1}{2}$ Brick.				1 Brick				1 Brick $\frac{1}{2}$				2 Bricks.				2 Bricks $\frac{1}{2}$			
	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.
46		15		4		30		8		46		0		61		4		1	8	8
47		15		8		31		4		47		0		62		8		1	10	4
48		16		0		32		0		48		0		64		0		1	12	0
49		16		4		32		8		49		0		65		4		1	13	8
50		16		8		33		4		50		0		66		8		1	15	4
51		17		0		34		0		51		0		1	0	0		1	17	0
52		17		4		34		8		52		0		1	1	4		1	18	8
53		17		8		35		4		53		0		1	2	8		1	20	4
54		18		0		36		0		54		0		1	4	0		1	22	0
55		18		4		36		8		55		0		1	5	4		1	23	8
56		18		8		37		4		56		0		1	6	8		1	25	4
57		19		0		38		0		57		0		1	8	0		1	27	0
58		19		4		38		8		58		0		1	9	4		1	28	8
59		19		8		39		4		59		0		1	10	8		1	30	4
60		20		0		40		0		60		0		1	12	0		1	32	0
61		20		4		40		8		61		0		1	13	4		1	33	8
62		20		8		41		4		62		0		1	14	8		1	35	4
63		21		0		42		0		63		0		1	16	0		1	37	0
64		21		4		42		8		64		0		1	17	4		1	38	8
65		21		8		43		4		65		0		1	18	8		1	40	4
66		22		0		44		0		66		0		1	20	0		1	42	0
67		22		4		44		8		67		0		1	21	4		1	43	8
68		22		8		45		4		1	0	0		1	22	8		1	45	4
69		23		0		46		0		1	1	0		1	24	0		1	47	0
70		23		4		46		8		1	2	0		1	25	4		1	48	8
71		23		8		47		4		1	3	0		1	26	8		1	50	4
72		24		0		48		0		1	4	0		1	28	0		1	52	0
73		24		4		48		8		1	5	0		1	29	4		1	53	8
74		24		8		49		4		1	6	0		1	30	8		1	55	4
75		25		0		50		0		1	7	0		1	32	0		1	57	0
76		25		4		50		8		1	8	0		1	33	4		1	58	8
77		25		8		51		4		1	9	0		1	34	8		1	60	4
78		26		0		52		0		1	10	0		1	36	0		1	62	0
79		26		4		52		8		1	11	0		1	37	4		1	63	8
80		26		8		53		4		1	12	0		1	38	8		1	65	4
81		27		0		54		0		1	13	0		1	40	0		1	67	0
82		27		4		54		8		1	14	0		1	41	4		2	0	8
83		27		8		55		4		1	15	0		1	42	8		2	2	4
84		28		0		56		0		1	16	0		1	44	0		2	4	0
85		28		4		56		8		1	17	0		1	45	4		2	5	8
86		28		8		57		4		1	18	0		1	46	8		2	7	4
87		29		0		58		0		1	19	0		1	48	0		2	9	0
88		29		4		58		8		1	20	0		1	49	4		2	10	8
89		29		8		59		4		1	21	0		1	50	8		2	12	4
90		30		0		60		0		1	22	0		1	52	0		2	14	0

A TABLE of BRICK-WORK reduced.

Square Feet.	$\frac{1}{2}$ Brick				1 Brick				$1 \frac{1}{2}$ Brick				2 Bricks.				2 Bricks $\frac{1}{2}$				
	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	r.	q.	f.	i.	
91		30	4			60	8		1	23	0		1	53	4		2	15	8		
92		30	8			61	4		1	24	0		1	54	8		2	17	4		
93		31	0			62	0		1	25	0		1	56	0		2	19	0		
94		31	4			62	8		1	26	0		1	57	4		2	20	8		
95		31	8			63	4		1	27	0		1	58	8		2	22	4		
96		32	0			64	0		1	28	0		1	60	0		2	24	0		
97		32	4			64	8		1	29	0		1	61	4		2	25	8		
98		32	8			65	4		1	30	0		1	62	8		2	27	4		
99		33	0			66	0		1	31	0		1	64	0		2	29	0		
100		33	4			66	8		1	32	0		1	65	4		2	30	8		
200		66	8		1	65	4		2	64	0		3	62	8		1	0	61	4	
300	1	32	0		2	64	0		1	0	28	0	1	1	60	0	1	3	24	0	
400	1	65	4		3	62	8		1	1	60	0	1	3	37	4	2	1	54	8	
500	2	30	8		1	0	61	4	1	3	24	0	2	1	54	8	3	0	17	4	
600	2	64	0		1	1	60	0	2	0	56	0	2	3	52	0	3	3	48	0	
700	3	29	4		1	2	58	8	2	2	20	0	3	1	49	4	4	1	10	8	
800	3	62	8		1	3	57	4	2	3	52	0	3	3	46	8	4	3	41	4	
900	1	0	28	0	2	0	56	0	3	1	16	0	4	1	44	0	5	2	4	0	
1000	1	0	61	4	2	1	54	8	3	2	48	0	4	3	41	4	6	0	34	8	
2000	2	1	54	8	4	3	41	4	7	1	28	0	9	3	14	8	12	1	1	4	
3000	3	2	48	0	7	1	28	0	11	0	8	0	14	2	56	0	18	1	36	0	
4000	4	3	41	4	9	3	14	8	14	2	56	0	19	2	29	4	24	2	2	8	
5000	6	0	34	8	12	1	1	4	18	1	36	0	24	2	2	8	30	2	37	4	
6000	7	1	28	0	14	2	56	0	22	0	16	0	29	1	44	0	36	3	4	0	
7000	8	2	21	4	17	0	42	8	25	2	64	0	34	1	17	4	42	3	38	8	
8000	9	3	14	8	19	2	29	4	29	1	44	0	39	0	58	8	49	0	5	4	
9000	11	0	8	0	22	0	16	0	33	0	24	0	44	0	32	0	55	0	40	0	
10000	12	1	1	4	24	2	2	8	36	3	4	0	49	0	5	4	61	1	6	8	
11000	13	1	62	8	26	3	57	4	40	1	52	0	53	3	46	8	67	1	41	4	
12000	14	2	56	0	29	1	44	0	44	0	32	0	58	3	20	0	73	2	8	0	
13000	15	3	49	4	32	3	30	8	47	3	12	0	63	2	61	4	79	2	42	8	
14000	17	0	42	8	34	1	17	4	51	1	60	0	68	2	34	8	85	3	9	4	
15000	18	1	36	0	39	3	4	0	55	0	40	0	73	2	8	0	91	3	44	0	
16000	19	2	29	4	39	0	58	8	58	3	20	0	78	1	49	4	98	0	19	8	
17000	20	3	22	8	41	2	45	4	62	2	0	0	83	1	22	8	104	0	45	4	
18000	22	0	16	0	44	0	32	0	66	0	48	0	88	0	64	0	1	0	1	12	0
19000	23	1	9	4	46	2	18	8	69	3	28	0	93	0	37	4	116	1	46	8	
20000	24	2	2	8	49	0	5	4	73	2	8	0	98	0	10	8	122	2	13	4	
21000	25	2	64	0	51	1	60	0	77	0	56	0	102	3	52	0	128	2	48	0	
22000	26	3	57	4	54	3	46	8	80	3	36	0	107	3	25	4	134	3	14	8	
23000	28	0	50	8	56	1	33	4	84	2	16	0	112	2	66	8	140	3	49	4	
24000	29	1	44	0	58	3	20	0	88	0	64	0	117	2	40	0	147	0	16	0	
25000	30	2	37	4	61	1	6	8	91	3	44	0	122	2	13	4	153	0	50	8	
26000	31	3	30	8	63	2	61	5	95	2	24	0	127	1	54	8	159	1	17	4	
27000	33	0	24	0	66	0	48	0	99	1	4	0	132	1	28	0	165	1	52	0	

OF BRICKLAYERS WORK.

Example 3.

What is the reduced Content of a Piece of Brick-Work whose Superficies is 22,720 Feet, and the Thickness two Bricks ?

	r.	q.	f.	i.
22,000 Feet, at two Bricks thick, is	107	3	25	4
700 Feet, at Ditto	3	1	49	4
20 Feet, at Ditto	0	0	26	8
22,720 Feet, at two Bricks thick, is	111	1	33	4

N. B. A Statute Square Rod, contains 272 Feet and a Quarter ; but in measuring of Brick-Work, Workmen always reject the Quarter, and divide by 272 only, whose Half is 136, and Quarter 68 Feet.

NOTE also, That altho' this Table be calculated only from Half a Brick thick, to Two and a Half, yet it may serve for any other Thickness, if you make Use of it in the following Manner, viz.

For three Bricks thick, take twice the Product of one and a Half ; for three Bricks and a Half thick, take the Product of two and one Half, and add together ; for four Bricks thick, take twice two Bricks ; and so in like Manner for any Thickness required.

Example 4.

How many Rod of Brick-work is contained in 600 superficial Feet, at three Bricks and a half thick ?

	r.	q.	f.	i.
600 Feet, at one Brick and a half thick, is	2	0	56	0
Ditto, at two Bricks thick, is	2	3	52	0
600 Feet, at three Bricks and a half thick is	5	0	40	0

Example 5.

How many Rod are contained in a Piece of Brick-work, whose Superficies contain 1000 Feet, and five Bricks thick ?

Seek

OF BRICKLAYERS WORK.

Seek the Content of 1000 Feet, by the Table at two Bricks and a Half thick, and set down that Product twice, and add them together, and the Sum is the Content sought. Thus,

	r.	q.	f.	i.
1000 Feet, at two Bricks and a half thick, is	6	0	34	8
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	6	0	34	8
1000 Feet, at five Bricks thick, is	12	1	1	4

The Explanation and Use of the second TABLE of BRICK WORK

By this TABLE is readily shewn, how many Bricks are required to build any Piece of Brick-Work, consisting of any Number of Feet or Thickness, from One Foot to Twenty-seven Thousand Feet; and from Half a Brick thick, to Two and a Half; and by the Addition only of two Numbers to any Thickness required; and at the Rate of 4500 Bricks to a Rod, at the Statute Thickness of a Brick and a Half.

This Table consists of three Pages, as the former, and the superficial Content of the Piece of Brick-Work, of which you would know how many Bricks are required to build, may be found in the first Column of every Page, right against which, under the required Thickness, as expressed on the Top of each Column in every Page, is the Number of Bricks sought for.

Example i.

How many Bricks will build a Brick-Wall, one Hundred Foot in Length, eight Foot high, and a Brick and a Half thick?

FIRST, Multiply one hundred Feet, the given Length, by eight Feet the Height, and the Product is eight hundred Foot; which is the superficial Content of the said Wall in Feet.

SECONDLY, Seek in the first Column of the Table for 800 Feet, which you will find in the third Page of the Table, against which, under one Brick and a Half on the Top, is 13232, the Number of Bricks required.

Example 2.

How many Bricks are required to build a Piece of Brick-Work 209 Foot in Length, 22 Foot high, and two Bricks and a Half thick ?

Multiply 209 Foot by 22, and the Product will be 4598 Foot for the Superficies of the Brick-Work ; then seek for 4598 in the first Column of the Table, but as that Number cannot be found at once in the Table, you must take it out at twice, or thrice, thus :

	BRICKS.
4000 Feet, at two Bricks and a Half thick, is	114362
500 Feet, at Ditto	14295
98 Feet, at Ditto	2803
<hr/>	<hr/>
4598 Feet, at two Bricks and a Half thick	131460

Example 3.

How many Bricks are required to build a Piece of Brick-Work twenty Foot long, four Foot and a Half high, and four Bricks and a Half thick ?

If you multiply twenty by four and a half, the Product will be ninety Feet for the superficial Content ; then apply to the Table, and see how many Bricks are required to build a Piece of Brick-Work of ninety Feet, at two bricks thick ; also, how many are required to 90 Feet, at two Bricks and a half thick ; then add the Sums together, and the Product is the Number of Bricks required, thus :

	BRICKS.
90 Feet, at two Bricks thick, require	1985
— Ditto, at two Bricks and a Half thick	2583
<hr/>	<hr/>
Bricks required	4568

A SECOND TABLE of BRICK-WORK. 11

Figure Feet.	$\frac{1}{2}$ Brick.	1 Brick.	1 Brick $\frac{1}{2}$	2 Bricks.	2 Bricks $\frac{1}{2}$.
1	5	11	16	22	27
2	11	22	33	44	55
3	16	33	49	66	82
4	22	44	66	88	110
5	27	55	82	110	137
6	33	66	99	132	165
7	38	77	115	154	193
8	44	88	132	176	220
9	49	99	148	198	248
10	55	110	165	220	273
11	60	121	181	242	303
12	66	132	198	264	330
13	71	143	215	286	358
14	77	154	231	308	386
15	82	165	248	330	413
16	88	176	264	352	441
17	93	187	281	374	468
18	99	198	297	396	496
19	104	209	314	418	523
20	110	220	330	440	551
21	115	231	347	462	579
22	121	242	363	484	606
23	126	253	380	506	634
24	132	264	397	528	661
25	137	275	413	550	689
26	143	286	430	572	717
27	148	297	446	594	744
28	154	308	463	616	771
29	159	319	479	638	799
30	165	330	496	660	826
31	170	341	512	682	854
32	176	352	529	704	882
33	181	363	545	726	909
34	187	374	562	748	937
35	193	385	579	770	964
36	198	396	595	792	992
37	204	407	612	814	1019
38	209	418	628	836	1047
39	215	429	645	858	1075
40	220	440	661	880	1102
41	226	451	678	902	1130
42	231	462	694	924	1157
43	237	473	711	946	1185
44	242	484	727	968	1212
45	247	495	744	990	1240

12 A SECOND TABLE of BRICK-WORK.

Square Feet.	$\frac{1}{2}$ Brick.	1 Brick.	1 Brick $\frac{1}{2}$	2 Bricks.	2 Bricks $\frac{1}{2}$.
46	252	514	761	1014	1268
47	258	525	777	1036	1295
48	263	536	794	1058	1323
49	269	547	810	1080	1350
50	274	558	827	1102	1478
51	280	569	843	1125	1505
52	285	580	860	1147	1533
53	291	591	876	1169	1561
54	296	602	893	1191	1588
55	302	613	909	1213	1616
56	307	624	926	1235	1643
57	313	635	943	1257	1671
58	318	646	959	1279	1698
59	324	657	975	1301	1726
60	329	668	992	1323	1754
61	335	679	1008	1345	1781
62	340	690	1025	1367	1809
63	346	701	1041	1389	1836
64	351	712	1058	1411	1864
65	357	723	1074	1433	1891
66	362	734	1091	1455	1919
67	368	745	1107	1477	1947
68	373	756	1124	1500	1974
69	379	768	1140	1522	2002
70	384	779	1157	1544	2029
71	390	790	1173	1566	2057
72	395	801	1190	1588	2085
73	401	812	1206	1610	2112
74	406	823	1223	1632	2140
75	412	834	1239	1654	2168
76	417	845	1256	1676	2196
77	423	856	1272	1698	2224
78	428	867	1289	1720	2252
79	434	878	1305	1742	2280
80	439	889	1322	1764	2307
81	445	900	1338	1786	2335
82	450	911	1355	1808	2362
83	456	922	1371	1830	2390
84	461	933	1388	1852	2417
85	467	944	1404	1875	2445
86	472	955	1421	1897	2473
87	478	966	1437	1919	2500
88	483	977	1454	1941	2528
89	489	988	1470	1963	2555
90	494	999	1487	1985	2583

A SECOND TABLE of BRICK-WORK.

13

Square Feet.	$\frac{1}{2}$ Brick.	1 Brick.	1 Brick $\frac{1}{2}$.	2 Bricks.	2 Bricks $\frac{1}{2}$.
91	500	1010	1505	2007	2610
92	506	1021	1522	2029	2638
93	511	1032	1538	2051	2666
94	517	1043	1555	2073	2693
95	522	1054	1571	2095	2721
96	528	1065	1588	2117	2748
97	533	1076	1604	2139	2776
98	538	1087	1621	2161	2803
99	543	1098	1637	2183	2831
100	549	1109	1654	2205	2859
200	1098	2219	3309	4411	5718
300	1647	3329	4962	6616	8577
400	2196	3438	6616	8822	11436
500	2746	5548	8270	11028	14295
600	3295	6658	9924	13234	17154
700	3844	7767	11578	15440	20013
800	4393	7877	13232	17646	22872
900	4942	8986	14887	19851	25731
1000	5492	10096	16541	22057	28590
2000	10984	20193	33082	44114	57181
3000	16476	50290	49623	66171	85771
4000	21968	40387	66164	88228	114362
5000	27431	50484	82705	110285	142953
6000	32953	60580	99247	132342	171543
7000	38445	70677	115788	154399	200134
8000	43937	80774	132329	176456	228725
9000	49429	90871	148870	198513	257315
10000	54922	100968	165411	220570	285906
11000	60414	111065	181952	242627	314496
12000	65906	121161	198494	264684	343087
13000	71398	131258	215035	286741	371678
14000	76890	141355	231576	308799	400268
15000	81383	151452	248117	330856	428859
16000	86875	161549	264658	352913	457450
17000	92367	171646	281199	374970	486040
18000	97859	181742	297741	397027	514631
19000	103352	191839	314282	419084	543221
20000	108845	201936	330824	441141	571812
21000	114337	212033	347365	463198	600403
22000	119829	222130	363906	485255	628993
23000	124321	232227	380447	507312	657584
24000	129813	242323	396989	529369	686175
25000	134306	252420	413530	551426	714765
26000	139798	262514	430071	573483	743356
27000	145990	272614	446612	595540	771946

A TABLE of TILING.

WHEREBY IS SHEWN.

How many plain, or Pan-Tiles will cover any Number of superficial Feet, from 1 Foot, to 5000 Feet; according to six several Gauges.

PLAIN-TILES.				PAN-TILES.		
Square Feet.	6 Inches Gauge.	6 Inches $\frac{1}{2}$ Gauge.	7 Inches Gauge.	11 Inches Gauge.	12 Inches Gauge.	13 Inches Gauge.
1	7	7	6	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$
2	15	14	13	3	3	2 $\frac{1}{2}$
3	22	21	19	4	5	4
4	30	28	26	6	6	5
5	38	35	32	8	7 $\frac{1}{2}$	6 $\frac{1}{2}$
6	45	44	39	9	9	8
7	53	49	45	11	10 $\frac{1}{2}$	9
8	60	56	52	13	12	10 $\frac{1}{2}$
9	68	63	56	14	14	12
10	76	70	65	16	15	13 $\frac{1}{2}$
20	152	140	130	33	30	27
30	228	210	195	49	45	40
40	304	280	260	66	60	54
50	380	250	325	82	75	67
60	456	420	390	99	90	81
70	532	490	455	115	105	94
80	608	560	520	132	120	108
90	684	630	585	148	135	121
100	760	700	650	161	150	135
200	1520	1400	1300	330	300	270
300	2280	2100	1950	495	450	405
400	3040	2800	2600	660	600	540
500	3800	3500	3250	825	750	675
600	4560	4200	3900	990	900	810
700	5320	4900	4550	1155	1050	945
800	6080	5600	5200	1320	1200	1080
900	6840	6300	5850	1485	1350	1215
1000	7600	7000	6500	1650	1500	1350
2000	15200	14000	13000	3300	3000	2700
3000	22800	21000	19050	4950	4500	4050
4000	30400	28000	26000	6600	6000	5400
5000	38000	35000	32500	8250	7500	6450

The Explanation and Use of the foregoing Table of
TILING.

The first Column to the Left, consists of square or superficial Feet, right against which, against each of the other Columns, is contained the Number of Tiles required to cover so many square Feet. Those of the 6, $6\frac{1}{2}$ and 7 Inch Gauge, are for plain Tiles and those of 11, 12, and 13 Inches Gauge, for Pan-Tiles.

NOTE, The Reason of the different Gauges in the plain Tiling, is according to the Flatness, or Sharpness of the Roof. Those Roofs that are true Pitch, (viz. The Rafter three fourths of the Breadth of the Building) may be lathed at a seven Inch Gauge, but those that are under the Pitch, must be at the Discretion of the Bricklayer, who is the best able to judge from the Pitch of the Roof, which of the other two Gauges be the most suitable. The Gauge suitable to the Pan-Tiling, must also be determined by the Bricklayer, according to the flat or Sharpness of the Roof; and the Size of the Tiles, some of the Tiles being made longer than others.

Example 1.

How many plain Tiles at a six Inch Gauge, will cover a Roof that contains 500 Feet square?

Seek in the first Column to the Left for 500 Feet, and against it in the next Column, under six Inch Gauge, stands 3800, the Number of Tiles required. So in like Manner against 100 Feet, which is a Square of Tiling, under six Inch Gauge, you have 760; at a six Inch and a half Gauge, 700; and at a seven Inch Gauge, 750: And under Pan-Tiles in the same Line, at eleven Inch Gauge, 165; at a twelve Inch Gauge, 150; and at a thirteen Inch Gauge, 135 Tiles to a hundred square or superficial Feet.

Example 2.

How many plain Tiles, at a seven Inch Gauge, will cover 2870 Feet Square?

Now as the Number proposed, cannot be found at once in the Table, you must in this, and all such Cases, take it out at twice, or thrice, and add all their Products together, and their Sum is the Number of Tiles required. As thus.

2000 Feet,

		TILES
2000 Feet, at a seven Inch Gauge,	_____	13000
800 Feet Ditto,	_____	5200
70 Feet Ditto,	_____	455
2870 Feet, at a seven Inch Gauge, is	_____	18655

It is needless to give any more EXAMPLES, the above being sufficient to instruct the meanest Capacity in the Use of the Table; and therefore I shall proceed to the second Section, of Masons Work.

S E C T. II.

OF MASONS WORK.

	l.	s.	d.
1. ITALIAN Marble, black and white veined, per Foot, Cube, _____	1	1	0
2. Plain Work on Ditto, per Foot, superficial,	0	4	0
3. Moulded Work, on Ditto, per Foot superficial,	0	5	6
from 5s. to _____	0	5	6
4. Slabs of Ditto, in Chimney-Pieces, per Foot, superficial, from 5s. to _____	0	5	6
5. Purple Marble, in Slabs, per Foot, superficial,	0	8	0
6. Dove Marble, per Foot, superficial, _____	0	6	0
7. Portland Stone, per Foot, Cube, from 2s. 3d. to _____	0	2	6
8. Portland Stone, freight plain Work, in London, per Foot, superficial, _____	0	1	0
9. Ditto, circular plain Work, per Foot, _____	0	1	2
10. Ditto, circular moulded Work, per Foot, _____	0	1	4
Note. If no Part of the Stone be cubed, as it is the Custom of some Workmen, in the Country only, to measure it superficial, the Price will run thus:			
11. Portland Stone, freight plain Work, per Foot, _____	0	1	4
12. Ditto, freight moulded Work, per Foot, from _____	0	1	8
1s. 6d. as in Chimney-Pieces, &c. to _____	0	0	10
13. Bath Stone, in Block, per Foot Cube, 9d. or _____	0	0	6
14. Ditto, freight plain Work, superficial, per Foot, _____	0	0	8
15. Ditto, circular plain Work, or Ditto, per Foot, superficial, _____	0	0	9
16. Ditto, freight moulded Work, per Foot, _____	0	1	0
17. Ditto, circular moulded, or Ditto, perfect, _____	0	1	0
18. Port-			

	l.	s.	d.
18. Portland Stone, in Chimney-Pieces, 1 Inch and a Half thick, from 1s. 6d. to	0	1	8
19. Ditto, if 2 Inches thick, per Foot, 1s. 10d. or	0	2	0
20. Fire-Stone Hearths and Covings, per Foot, superficial,	0	1	6
21. Portland Paving, Inch and Half thick, per Foot, superficial.	0	1	6
22. Ditto Octagon, with black Marble Dots, per Foot, superficial.	0	2	6
23. Purbeck Paving in random Courses, per Foot superficial,	0	0	7
24. Ditto, in streight Courses, per Foot,	0	0	8
25. Old Purbeck Paving, squared and new laid, per Foot, superficial,	0	0	2½
26. Black and white Marble Squares, per Foot, superficial,	0	3	6
27. White and veined Marble in Chimney-Pieces, per Foot, from 5s. to	0	5	6
28. Statuary Marble Slabs to Ditto, per Foot superficial,	0	7	0
29. Black and yellow Marble Slabs, in Ditto, per Foot, superficial,	0	8	0
30. Common purple Slabs, in Ditto, per Foot superficial,	0	7	0
31. Portland Astragal Steps, per Foot, running Measure,	0	3	6
32. Plain Ditto, running, per Foot,	0	3	0
33. Purbeck Steps, running Measure, per Foot,	0	2	6
34. Portland Coping, 1 Foot wide, or 9 Inch Walls, per Foot, running Measure,	0	1	10
35. Ditto, if larger, to be cubed first, and then measured, superficial plain Work.			
36. So also Portland Curbs for Iron Work, &c. must be cubed first, and then measured superficial plain Work.			
37. Also the Holes cut in the same for Iron, at per Hole,	0	0	2
38. Bases of Columns, Architraves, Frizes, Corniches, &c. of Marble, are for Workmanship, per Foot, superficial.	0	5	0
39. The Shafts of Columns, fluted on Portland Stone, Workmanship only per Foot, Facio-Work,	0	1	8
40. Carving the Capitals for Corinthian and Composite Orders, at per Foot, Facio-Work, exclusive of the Stone,	0	8	0

S E C T. III.

Of CARPENTERS and JOYNER'S WORK.

	l.	s.	d.
1. F OR framing the Outside Carcase of a House, hewing and sawing included, from 10. 6d. per Square, to _____	0	12	0
2. Ditto, exclusive of hewing and sawing, —	0	6	0
3. Ditto, with old Timber, made streight on both Sides, Workmanship included, per Square, —	0	8	0
4. Framing of Floors, Work only per Square, from 5s. to _____	0	7	6
5. Ditto, hewing and sawing included, from 10s. per Square, to _____	0	12	0
6. Partitions to Frame, Work only, per Square,	0	5	0
7. Ditto, hewing and sawing included, —	0	8	6
8. Roofs to frame, hewing and sawing included, from 10s. per Square, to _____	0	12	0
9. Ditto, exclusive of hewing and sawing, from 5s. to _____	0	6	0
10. Oak Timber, cut to any Scantling, for Building in the Country, from 2s. to _____	0	2	4

NOTE, That towards the latter End of this Section, in Table second, is shewn the Value of one Foot in length of Oak Timber, when cut to any Scantling or Size fit for Building, at the Rate of 2s. per Foot, Cubical Measure; whereby the Trouble of measuring the solid Content of every Piece is spared.

11. Rafters, Feet and Eves-board, Work and Materials, per Foot, running Measure, _____	0	0	4
----------------------------------------------------------------------------------------	---	---	---

NOTE, If you would know the Value of a Square of framing in any of the above Articles with the Timber included, the best and most infallible Way, is to have first a Draught or Plan of the whole Design, drawn on Paper, &c. and from thence to draw others of every particular Part thereof, viz. of the Form or Fashion of the Front, Back-side, and Ends, with the Number of Studs, Braces, &c. with the Length and Scantling of each particular Piece, figured thereon: Also of the framed Work of each of the Floors, shewing

Of CARPENTERS and JOYNER'S WORK. 19

ing the Number of Joists, Trimmers for the Chimney-Ways, Stair-Ways, &c. with the Length and Scantling of the Girders, Joists, Trimmers, &c. figured thereon: Also Draughts of the framed Work of every Partition, with the Length and Scantling of every Stud and Brace therein contained: Also a Draught of the Roof (with their Hips, if any) with the Length and Scantling of the principal and small Rafters, Hips, Collar-Beams, &c. figured in their proper Places; then by Table Second, aforesaid, if the Work is to be done in Colchester, you may infallibly proceed by these Drawings to estimate the whole Charge of the framed Work of any Timber Building, or any particular Part thereof.

By these Drawings you will not only be able to estimate the Expence of the Timber therein required, but also the Workmanship; for by having therein expressed the Length, Breadth, and Height of every particular Part thereof, in Feet and Inches, it will be a very easy, safe, and sure Way to calculate the exact Number of superficial Feet, Yards, or Squares, contained in the whole Building, or any particular Part thereof; and consequently the most sure and infallible Way to know the whole Charge, finishing Work and all included, both internal and external. And therefore, I would advise no Workman to give in the Charge of erecting any Timber Building, that has not first had regard to the above-mentioned Methods, to know the Expence thereof.

It being impossible by Guess, or otherways than by this Method, even for the most experienced Workman to be so exact, but that he must either hurt himself, or the Master he works for; for there can be no general Rule laid down, that will hold good for the Value or Price of a Square of framing for every new Building, unless Houses were built all alike, and of the same Length, Breadth, and Height, and in every Respect the same; and the Scantlings of the Timber the same in every particular also; for herein it is that the Difficulty lies, the various Forms and Magnitudes of Buildings, require different Scantlings of Timber, and consequently the Value of the Timber must be more or less in Proportion thereunto; and therefore it is impossible to assign or fix any Price per Square, that will hold good in general, for the valuing of the framed Work of every Timber-Building.

Having now, I think, given sufficient Reason why I did not set down any Price for the Value of a square of Framing, with the Timber included, in any of the above-mentioned Particulars, I shall now proceed to the London Method.

20 Of CARPENTERS and JOYNERS WORK.

	l.	s.	d.
12. Framing naked Floorings with binding Joists of } Oak, in London, Work only per Square, ————	0	10	0
13. Ditto of Fir, per Square, ————	0	8	6
14. Ditto, with Girders and Joists of Oak, per Square, ————	0	9	0
15. Ditto, with Fir, per Square, ————	0	7	6
16. Framing of single Roofs, Plates included, of Oak, } Workmanship per Square, ————	0	8	6
17. Ditto with Fir, per Square, ————	0	6	6
18. Ditto, framed with Parlines and Collar-Beams of } Oak, at per Square, ————	0	12	0
19. Ditto, with Fir, per Square, ————	0	10	6
20. Oak Timber cut to Scantlings, per Foot, Cube, ————	0	2	8
21. Ditto framed, and in naked Floors, and Work in- } cluded, per Foot, Cube, ————	0	3	4
22. Ditto, in Door Cases and Windows, Oak, plained, } framed, and rabbetted, per Foot, Cube, ————	0	3	10
23. Fir, framed in naked Floors, Roofing, Ceiling, } quartered Partitions, &c. per Foot, Cube, ————	0	2	0
NOTE, See the Tables at the latter End of this Section for valuing of Timber in the above Cases, by measuring the Length only without cubing.			
24. Fir, framed in Lintels, bond Timbers, &c. per } Foot, Cube, ————	0	1	10
25. Ditto, plained, framed, and rabbetted, in Door- } Cases, and Windows, &c. per Foot, Cube, ————	0	2	8
26. Framing of Barns, and Stables, per Square, } Workmanship, ————	0	5	0
27. Ditto, hewing and Sawing the Timber included, } according to the Roughness and Scantling of the Timber, } from 8s. to ————	0	10	0
28. Whole Deal, bridg'd-guttering, per Foot, super- } ficial, 6d. or ————	0	0	7
29. Centering of Vaults, per Square, ————	0	10	6
30. Groin Centering, per Square, ————	1	1	0
31. Centering to Apertures, per Foot square, ————	0	0	4 $\frac{1}{2}$
32. Bracketting to common plaister'd Cornices, per } Foot, square, ————	0	0	5
33. Ditto to Modillions, per Foot, square, ————	0	0	5 $\frac{1}{2}$
34. Cove Bracketting of Oak, at per Foot, super- } ficial, ————	0	0	6
35. Ditto of Fir, per Foot, ————	0	0	5 $\frac{1}{2}$
36. Guttering and Bearers of Oak, per Foot superficial, ————	0	0	8
37. Ditto of Fir, per Foot, ————	0	0	6 $\frac{1}{2}$
38. Extra Work, in trusting of Beams of Oak, per } Foot, running, ————	0	0	7
39. Ditto			

OF CARPENTERS and JOYNNERS WORK. 21

	l.	s.	d.
39. Ditto, Fir at per Foot, running, —	0	0	5
40. Rough whole Deal, boarded Floors, clear of Sap, } at per Square, —	1	15	0
41. Ditto, Workmanship only, per Square, not plain'd,	0	3	6
42. Ditto, lifted and shot clear of Sap, at per Square,	1	17	0
43. Work only, per Square, —	0	4	0
44. Folding Joint boarding, clear of Sap, at per Square, } from 2l. —	2	2	0
45. Workmanship only, per Square, —	0	5	6
46. Common freight Joint Boarding clear of Sap, Work only, per Square, —	2	7	0
47. Second belt Boarding, dowl'd, per Square, from } 3l. 10s. to —	4	0	0
48. Clean Deal Boarding, dowl'd, per Square, from } 4l. 15s. to —	5	0	0
Workmanship only, per Square —	0	18	0
49. Ditto of long Boards, 15 Foot and upwards, per } Square, —	6	0	0
50. Second best Floors, taken up, new-laid, and plained } over, at per Square, —	0	16	0
51. Boarding with rough slit Deal, per Square,	0	17	0
52. Barn Floors to lay with two Inch Oak Plank, } Joists included, at per Square, from 3l. 15s. to —	4	0	0
Workmanship only, per Square, from 6s. to —	0	7	0
Ditto, hewing and sawing included, according to } the Roughness of the Timber, Workmanship only, } per Square, from 12s. to —	3	10	0
53. Barn Floors, laid with two Inch double Deals, } and with Oak Joists included, at per Square, —	3	10	0
Workmanship only, per Square, —	0	7	0
54. Ditto with three Inch yellow Deals per Square, } with Joists, —	4	10	0
Ditto Workmanship only, per Square, —	0	7	6
55. Linings of Walls, Plugs and Nails included, at } per Yard square —	0	2	0
Workmanship only per Yard, —	0	0	9
56. Ditto grooved, tongued and plained, at per Foot, } superficial, —	0	0	3
57. Weather Boarding, feather-edged, at per Yard } Square, Nails included —	0	1	8
Workmanship only, per Yard Square, —	0	0	3
58. Ditto, the Boards plained and beaded, per Yard, } Workmanship only, per Yard, —	0	1	10
59. Rough feather-edg'd Deal, Weather-Boarding, at } per Square, Nails included, —	0	18	0

Work-

22 Of CARPENTERS and JOYNNERS WORK.

	Workmanship only, 2s. or	1. s. d.
	60. Weather Boarding, with Oak Boards, plained and beaded, per Square, Nails included,	0 2 6
	Workmanship only, per Square, 3s. 6d. or	1 6 0
	61. Ditto hewing and sawing included, according to the Roughness of the Timber, from 6s. to	0 4 0
		0 8 0

A T A B L E,

Which shews how many Boards, at five several Gauges, ten Foot long, will complete a Square.

	Inch Gauge.	Boards.	Inches over.
At a	5	24	0
	6	20	0
	7	17	1
	8	15	0
	9	13	3

62. Whole Deal Boarding, plained on one Side, per Foot superficial,	0 0 4½
63. Ditto, plained on both Sides, per Foot,	0 0 5½
64. Ditto grooved, ledged, or battin'd, per Foot,	0 0 7
65. Slit Deal Partitions, plained on both Sides, and grooved and tongued, per Foot, superficial,	0 0 3
66. Two Inch Deal, plained and shot, clear of Sap, per Foot,	0 0 7
67. Ditto, plained on both Side,	0 0 8
68. Ditto, grooved, tongued, or battin'd, per Foot, superficial,	0 0 9
69. Ashlering, and Ceiling Floors, Labour and Materials, per Square,	0 16 0
70. Steps of common Stairs, String-boards and Bearers included, of Oak, per Foot, superficial, 9d. or Workmanship only, per Foot,	0 0 10
71. Ditto of Fir, per Foot, 9d. or Workmanship only,	0 0 3
72. Better Sort of second best Boards, Strings, Bearers, and plain Brackets included, per Foot, superficial, from 10d. to	0 0 8
Work only, per Foot, exclusive of Rail and Balusters,	0 0 2½
73. Ditto, with clean Deal, Step and Risers, glued or dove-tailed together, and no Nails to be seen, Brackets and Strings included, per Foot superficial,	0 1 0
	0 0 4
	0 1 6

Work

Of CARPENTERS and JOYNERS WORK. 23

	l.	s.	d.
Work only per Foot, exclusive of Rail and Bal-			
lusters,	0	0	7
Carving paid for extra,			
74. Ditto, if made with Norway Oak, per Foot	0	1	3
superficial,			
Workmanship only per Foot, exclusive of Rail	0	0	9
and Balluster, from 8d. to			
75. Framed Quarter Paces, naked framing, finding all	0	0	9
Materials, per Foot superficial			
Work only, per Foot,	0	0	3
76. Leading Picces, or Sleepers of Oak, Materials	0	2	4
and Labour, per Foot Cube,			
77. Carved Brackets, from 1s. 6d. per Bracket, to	0	2	0
78. Rails and Ballusters of 2 Inch Deal per Foot	0	2	6
running,			
79. Ditto of 2 Inch $\frac{1}{2}$ Deal, per Foot	0	3	0
80. Ditto Rails of Norway Oak, the Ballusters made	0	3	6
of 2 Inch ditto, per Foot running,			
81. Ditto turned Newel and Cap, per Foot running,	0	3	0
of Deal,			
If Oak,	0	3	6
NOTE, If Circular, or Ramping, the Price must be double, or double Measure, which is the same.			
This Rule must be observed in all circular Work.			
82. Stair Cases wainscotted with 1 Inch $\frac{1}{2}$ Deal Fram-			
ing, $\frac{1}{2}$ Pannels, raised Ovolo on the Framing, per Yard,	0	5	0
4s. 6d. or			
Work only, per Yard	0	2	3
Ditto, if Wainscot, with Norway Oak, per Yard,	0	8	0
7s. 6d. or			
Exclusive of Capping and Base, which must be			
paid for by the Foot superficial, if Deal, per Foot, 1s.	0	1	6
if Oak,			
Workmanship only, from 6d. to	0	0	9
If with Pilasters on the Wainscot, plain or fluted,			
opposite the Newel, must be paid for extra by the			
Foot superficial,			
83. Doors of whole Deal, ledged and plained, per	0	0	7
Foot superficial, 6d. or			
84. Ditto, ledged, grooved, tongued, plained, and	0	0	8
beaded, per Foot,			
85. Gates of whole Deal, and lined with whole Deal,	0	1	0
per Foot,			
86. Framed Doors of 1 Inch $\frac{1}{2}$ Deal, 4 Pannels, per	0	0	10
Foot superficial,			
80. Ditto,			

24 Of CARPENTERS and JOYNERS WORK.

	l.	s.	d.
87. Ditto, with 2 Inch Deal, 4 Pannels, per Foot,	0	1	0
88. Ditto 6 Pannel Doors, of 2 Inch Deal per Foot,	0	1	2
Ditto 6 Pannel Doors of 2 Inch $\frac{1}{2}$ Deal, per Foot,	0	1	6
Ditto 8 Pannel Doors of 2 Inches $\frac{1}{2}$ Deal, per Foot,	0	1	8
89. Common two Pannel Door, 1 Inch $\frac{1}{2}$ Deal, framing	}	0	0
Ovolo, and plain Pannel, per Foot superficial,			
Work only, per Foot	0	0	7
90. Slit Deal Doors, plained, rabbitted and beaded,	}	0	0
per Foot superficial; 3d. $\frac{1}{2}$			
91. Whole Deal Dressers, Feet and Bearers, per	}	0	0
Foot, superficial			
92. Two Inch Deal Dressers, with turned Columns	}	0	1
and Bearers, per Foot superficial,			
93. Elm or Beech Dressers, per Foot, Cube,	0	3	6
94. Two-Inch $\frac{1}{2}$ Deal Dressers, with turned Columns	}	0	1
and Bearers, per Foot superficial,			
95. Ground Cieling of Oak, per running Scantling,	}	0	1
6 by 7, 10d. or			
Workmanship only, per Foot,	0	0	4
96. Whole Deal Coolers for Brewing, at per Foot	}	0	1
superficial,			
If made of 1 Inch $\frac{1}{2}$ Deal, 1s. 2d. or	0	1	3
Workmanship only, per Foot,	0	0	4
97. Squares for Ditto, with 2 Inch Oaken Plank,	}	0	2
Work and all Materials, per Foot, Cube,			
98. Ditto, of 3 Inch Oak Plank, per Foot, Cube,	0	3	0
99. Ditto with three Inch Deals, per Foot, Cube,	0	2	6
100. Square joint Wainscoting, per Yard,	0	3	0
101. Ditto with Ovolo and flat Pannel Inch $\frac{1}{2}$, Framing	}	0	4
Pannels, per Yard, 4s. or			
102. Ditto with the Pannels raised square, or with a	}	0	4
Bead, per Yard, 4s, 6d. or			
103. Ditto, with Norway Oak, 1 Inch Framing,	}	0	8
Pannels, per Yard, 7s, 6d. or			
104. Deal streight Mouldings, per Foot superficial,	0	1	0
105. Deal Modillion Cornices, per Foot, Square,	0	1	6
Workmanship, per Foot, Square	0	0	10
106. Plain whole Deal Cornices, for Outside Work,	}	0	1
at per Foot,			
107. Dentil Cornices, per Foot, superficial, with Deal,	0	1	6
Workmanship only, per Foot for ditto	0	1	0
108. Doric Entablatures, with proper Ornaments, ex-	}	0	2
clusive of Carving, per Foot, superficial,			
109. Sashes of 1 Inch $\frac{1}{2}$ Yellow Deal, exclusive of	}	0	0
Frames, per Foot, 7d. or			
			103. Ditto

Of CARPENTERS and JOYNERS WORK. 25

	l.	s.	d.
110. Sash Frames, including Outside Lining and Soils of Oak, Pulley Pieces and Inside Lining of Deal, including the Sashes, per Foot superficial, ————	0	1	6
111. Sashes made of 1 Inch $\frac{1}{2}$ Norway Oak, without Frames, per Foot, ————	0	0	11
112. Ditto, with Deal cased Frames, Pulley Pieces, and Soils of Oak, per Foot, ————	0	1	8
113. Ditto, with Norway Oak, Frames and Sashes included, per Foot, superficial, ————	0	1	10
114. Two Inch Norway, Sashes only, per Foot ————	0	1	2
115. Ditto, with Deal cased Frames, Pulley Pieces, and Soils of Oak, Sashes and Frames included, per Foot, ————	0	2	0
116. Ditto, with right Wainscot Frames, or Norway, Sashes included, per Foot, superficial, ————	0	2	3
117. Girt and Lutheran Windows made of Oak Scantling, Stuff 3 by 4, per Foot, superficial, ————	0	0	6
118. Ditto of Fir, per Foot ————	0	0	4
Workmanship only, per Foot ————	0	0	2
119. Four Foot Cleft Pale Fencing, with ten Foot Rails when twenty or thirty Rod, according to the Nature of the Soil, from 11s. per Rod, to ————	0	12	0
Ditto Workmanship, according to the Soil it is set in per Rod, from 3s. to ————	0	3	6
120. Five Foot Cleft Pole Fencing, with nine Foot Rails, and three Rails in a Loop, if twenty or thirty Rod, according to the Soil where it is to stand, from 14s. per Rod, to ————	0	15	0
Ditto Workmanship, per Rod, from 3s. 6d. to ————	0	4	0
121. Park Paling, with Cleft Pales, two Rails in a Loop, per Rod, ————	0	18	0
Ditto, Workmanship, including hewing and riving, per Rod, from 4s. to ————	0	4	6
122. Ditto, with three Rails in a Loop, per Rod, ————	1	1	0
Work only, per Rod, ————	0	5	0
123. Ditto, with fawn Pales, per Rod ————	1	5	0
Work only, hewing and sawing included, per Rod, from 9s. to ————	0	10	0
124. Pold Gates, cleft, making and setting up the Posts, and hanging the Gate, Workmanship only per Gate ————	0	5	6
125. Ditto Workmanship and all Materials per Gate, from 12s. to ————	0	14	0
126. Pold Gates sawed, with Posts, making, hanging, &c. per Gate, ————	0	18	0
Workmanship, per Gate, ————	0	7	6
E			
127. For			

26 Of CARPENTERS and JOYNNERS WORK.

	l.	s.	d.
127. For boarded Fencing, with feather-edged slit } Deal, rough from the Saw, per Rod, —	1	1	0
Work only, per Rod —	0	4	0
Ditto, plained and beaded, per Rod, —	1	3	6
Ditto, Workmanship only, per Rod, —	0	5	0
128. Ditto, the Boards of Oak, plained and beaded, } per Rod, —	1	12	0
Workmanship only, per Rod, —	0	6	6
129. Pallisadoing Posts, six Inches square, upper Rails } three and a half by four, the lower Rails six by three, } Pales three by one, the Length of the Pales about four } Foot and a half, the Posts to stand about six Foot above } Ground, so as to admit of about eighteen Inches of Un- } derpinning under the lower Rail, all of Oak Work, and } Materials, per Foot, running Measure, —	0	3	0
130. Ditto, the Pales of Fir, —	0	2	9
Workmanship only, per Foot, running Measure, —	0	1	3
131. Ditto, with Inch and half Square Pales, of Oak, } per Foot, running Measure, —	0	3	9
132. Ditto, the Pales of Fir, per Foot, —	0	3	0
Ditto Workmanship only, per Foot from 1s. 3d. to —	0	1	6

NOTE, Both in the flat and square Paling, the Pales are to be mortised through the Rails.

133. Pallisado Gates, the framed Work of two Inch } Oak, per Foot, from 10d. to —	0	1	0
134. Ditto, with three Inch Oak, per Foot, —	0	1	2
Workmanship only, per Foot superficial, from 6d. to —	0	0	7

N. B. If in any of the above Articles where there is any Carriage of the Materials required, it must be allowed for.

I shall next proceed to give some useful Tables of the proper Scantling to cut Timber to, fit for any Building, and then shall add others, which will shew the Value of one Foot in Length, of any Piece of Timber, when squared and cut to any Scantling fit for Building, according to several Prices per Foot, Cubical; whereby the Value of any Piece of Timber will be readily found, without measuring the solid Content thereof.

And first, Of the proper Scantlings as laid down by Mr. SMITH and Mr. PRICE, in their Treatises on Carpentry.

I. Of Principal Posts, by Mr. FRANCIS PRICE.

I. For small Buildings.

Fir Posts, 8 Feet in Height, 4 Inches Square.
 Ditto—10 Feet ditto, —5 Inches ditto.
 Ditto—12 Feet ditto; —6 Inches ditto.
 Oak Posts of 10 Feet in Height, 6 Inches Square.
 Ditto—12 Feet ditto, —8 Inches ditto.
 Ditto—14 Feet ditto, —10 Inches ditto.

II. For large Buildings.

Fir Posts of 8 Feet in Height, 5 Inches Square.
 Ditto—12 Feet ditto, —8 Inches ditto.
 Ditto—16 Feet ditto, —10 Inches ditto.
 Oak — 8 Feet in Height, 5 Inches ditto:
 Ditto—12 Feet ditto, —12 Inches ditto.
 Ditto—16 Feet ditto, —16 Inches ditto.



The Scantling of Girders, by Mr. SMITH.

	Feet.		Inches.	Inches.
If the Length of a Fir Girder be	{ 10	then its Scantlings must be.	{ 8	{ 10
	12		$8\frac{1}{2}$	10
	14		9	$10\frac{1}{2}$
	16		$9\frac{1}{2}$	$10\frac{3}{4}$
	18		10	11
	20		11	12
	{ 22		$11\frac{1}{2}$	13
			{ 12	{ 14

By Mr. FRANCIS PRICE.

If a Girder of { 16 } in Length, its Scant-
 Fir in a small { 20 } ling must be { 8 } by { 11 } Inches.
 Building of { 24 } { 10 } by { 12 }
 { 12 }

But if of Oak, then the Scantling must be { 10 } by { 13 } Inches.
 { 12 } by { 14 }
 { 14 } { 15 }

In large Buildings.

A Fir Girder { 16 } Foot in Length { 9 } by { 13 } Inches.
 { 20 } { 12 } by { 14 }
 { 24 } { 13 }
 E z A Girder

28 OF CARPENTERS and JOYNERS WORK.

A Girder of Oak ditto $\left\{ \begin{array}{c} 16 \\ 20 \\ 24 \end{array} \right\}$ Foot in Length $\left\{ \begin{array}{c} 12 \\ 15 \\ 18 \end{array} \right\}$ by $\left\{ \begin{array}{c} 14 \\ 15 \\ 16 \end{array} \right\}$ Inches.

The Scantling of common and trimming Joists, by Mr. SMITH.

	Feet.		Inches.	Inches.	
Trimming Joists	$\left\{ \begin{array}{c} 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \end{array} \right\}$	in Length must be	$\left\{ \begin{array}{c} 7 \\ 7 \\ 7 \\ 8 \\ 8 \\ 9 \end{array} \right\}$	$\left\{ \begin{array}{c} 3 \\ 4 \\ 5 \\ 4 \\ 5 \\ 6 \end{array} \right\}$	
			by		

	Feet.		Inches.	Inches.	
Common Joists	$\left\{ \begin{array}{c} 5 \\ 6 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$	in Length must be	$\left\{ \begin{array}{c} 7 \\ 7 \\ 7 \\ 8 \\ 8 \\ 8 \\ 9 \end{array} \right\}$	$\left\{ \begin{array}{c} 2\frac{1}{2} \\ 2\frac{1}{2} \\ 2\frac{3}{4} \\ 3 \\ 3\frac{1}{4} \\ 3\frac{1}{2} \\ 4 \end{array} \right\}$	
			by		

The Scantling of Joists, by Mr. FRANCIS PRICE.

I. For small Buildings.

Fir Joists 6 Feet long, 5 by 2 Inches and a half.
 Ditto—9 Feet ditto, 6 and a half by 2 and a half.
 Ditto—12 Feet ditto, 8 by 2 and a half.
 Oak Joists 6 Feet long, 5 by 3 Inches.
 Ditto—9 Feet ditto, 7 and a half by 3.
 Ditto—12 Feet ditto, 10 by 3.

II. For large Buildings.

Fir Joists 6 Feet long, 5 by 3 Inches.
 Ditto—9 Feet ditto, 7 and a half by 3 ditto.
 Ditto—12 Feet ditto, 10 by 3 ditto.
 Oak Joists 6 Feet long, 6 by 3 Inches.
 Ditto—9 Feet ditto, 9 by 3 ditto.
 Ditto—12 Feet ditto, 12 by 3 ditto.

Of Bridging Joists in small Buildings.

			Fir.		Oak.
Bridging Joists of	$\left\{ \begin{array}{l} 6 \\ 8 \\ 10 \end{array} \right\}$	Feet bearing, must have a Scantling.	$\left\{ \begin{array}{l} 4 \\ 5 \frac{1}{2} \\ 6 \end{array} \right\}$	by $\left\{ \begin{array}{l} 2 \frac{1}{2} \\ 2 \frac{3}{4} \\ 3 \end{array} \right\}$	ditto $\left\{ \begin{array}{l} 4 \\ 5 \frac{1}{2} \\ 7 \end{array} \right\}$ by $\left\{ \begin{array}{l} 3 \\ 3 \\ 3 \end{array} \right\}$

Of Bridging Joists in large Buildings.

			Fir.		Oak.
Bridging Joists of	$\left\{ \begin{array}{l} 6 \\ 8 \\ 10 \end{array} \right\}$	Feet bearing, must have a Scantling.	$\left\{ \begin{array}{l} 4 \\ 5 \frac{1}{2} \\ 7 \end{array} \right\}$	by $\left\{ \begin{array}{l} 3 \\ 3 \\ 3 \end{array} \right\}$	ditto $\left\{ \begin{array}{l} 5 \\ 6 \frac{1}{2} \\ 8 \end{array} \right\}$ by $\left\{ \begin{array}{l} 3 \frac{1}{2} \\ 3 \frac{1}{2} \\ 3 \frac{1}{2} \end{array} \right\}$

Scantlings for Beams, by Mr. SMITH.

If the bearing of the Beam in the Clear be	$\left\{ \begin{array}{l} 12 \\ 16 \\ 20 \\ 24 \\ 28 \\ 32 \\ 36 \\ 40 \\ 44 \end{array} \right\}$	its Scantlings must be	$\left\{ \begin{array}{l} 6 \\ 6 \text{ 1 quar.} \\ 6 \text{ 1 half} \\ 7 \\ 7 \text{ 1 half} \\ 8 \\ 8 \text{ 1 half} \\ 8 \text{ 1 half} \\ 9 \end{array} \right\}$	by	$\left\{ \begin{array}{l} 8 \\ 8 \text{ 1 half} \\ 9 \\ 9 \text{ 1 half} \\ 9 \text{ 1 half} \\ 10 \\ 10 \text{ 1 half} \\ 11 \\ 2 \end{array} \right\}$
--------------------------------------------	----------------------------------------------------------------------------------------------------	------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------	----	----------------------------------------------------------------------------------------------------------------------------------------------------------

The necessary Scantlings assigned by Mr. PRICE for Beams and Rafters, are as follow :

I. For Beams or Ties.

FIRST. For small Buildings.

If the Length of a Beam of Fir be	Fir. $\left\{ \begin{array}{l} 30 \\ 45 \\ 60 \end{array} \right\}$	its Scantling must be	$\left\{ \begin{array}{l} 6 \\ 9 \\ 12 \end{array} \right\}$	by $\left\{ \begin{array}{l} 7 \\ 8 \frac{1}{2} \\ 11 \end{array} \right\}$	but if of Oak, $\left\{ \begin{array}{l} 7 \\ 10 \\ 13 \end{array} \right\}$	by $\left\{ \begin{array}{l} 8 \\ 11 \frac{1}{2} \\ 5 \end{array} \right\}$
-----------------------------------	---------------------------------------------------------------------	-----------------------	--------------------------------------------------------------	-----------------------------------------------------------------------------	------------------------------------------------------------------------------	-----------------------------------------------------------------------------

SECOND. For large Buildings.

If the Length of a Beam of Fir be	$\left\{ \begin{array}{l} 30 \\ 45 \\ 60 \end{array} \right\}$	its Scantling must be	$\left\{ \begin{array}{l} 7 \\ 10 \\ 13 \end{array} \right\}$	by $\left\{ \begin{array}{l} 8 \\ 11 \frac{1}{2} \\ 15 \end{array} \right\}$	but if of Oak, $\left\{ \begin{array}{l} 8 \\ 11 \\ 14 \end{array} \right\}$	by $\left\{ \begin{array}{l} 9 \\ 12 \frac{1}{2} \\ 16 \end{array} \right\}$
-----------------------------------	----------------------------------------------------------------	-----------------------	---------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------	------------------------------------------------------------------------------

II. For

30 Of CARPENTERS and JOYNERS WORK.

II. For principal Rafters.

FIRST. For small Buildings.

Feet.
 If the Rafter $\left\{ \begin{smallmatrix} 24 \\ 36 \\ 48 \end{smallmatrix} \right\}$ its Scantling $\left\{ \begin{smallmatrix} 5 & 6 \\ 6 \frac{1}{2} & 8 \\ 8 & 10 \end{smallmatrix} \right\}$ and at $\left\{ \begin{smallmatrix} 6 & 7 \\ 8 & 10 \\ 10 & 12 \end{smallmatrix} \right\}$
 be of Fir, and $\left\{ \begin{smallmatrix} 24 \\ 36 \\ 48 \end{smallmatrix} \right\}$ at Top must be $\left\{ \begin{smallmatrix} 5 & 6 \\ 6 \frac{1}{2} & 8 \\ 8 & 10 \end{smallmatrix} \right\}$ Bottom $\left\{ \begin{smallmatrix} 6 & 7 \\ 8 & 10 \\ 10 & 12 \end{smallmatrix} \right\}$
 its Length $\left\{ \begin{smallmatrix} 24 \\ 36 \\ 48 \end{smallmatrix} \right\}$ be $\left\{ \begin{smallmatrix} 5 & 6 \\ 6 \frac{1}{2} & 8 \\ 8 & 10 \end{smallmatrix} \right\}$ Bottom $\left\{ \begin{smallmatrix} 6 & 7 \\ 8 & 10 \\ 10 & 12 \end{smallmatrix} \right\}$

Ditto but if of Oak at Top, $\left\{ \begin{smallmatrix} 7 & 8 \\ 8 & 9 \\ 9 & 10 \end{smallmatrix} \right\}$ and at $\left\{ \begin{smallmatrix} 8 & 9 \\ 9 & 10 \frac{1}{2} \\ 10 & 12 \end{smallmatrix} \right\}$
 Bottom $\left\{ \begin{smallmatrix} 8 & 9 \\ 9 & 10 \frac{1}{2} \\ 10 & 12 \end{smallmatrix} \right\}$

SECOND. For large Buildings.

Feet.
 If the Rafter $\left\{ \begin{smallmatrix} 24 \\ 36 \\ 48 \end{smallmatrix} \right\}$ its Scantling $\left\{ \begin{smallmatrix} 7 & 8 \\ 8 & 9 \\ 9 & 10 \end{smallmatrix} \right\}$ and at $\left\{ \begin{smallmatrix} 8 & 9 \\ 9 & 10 \frac{1}{2} \\ 10 & 12 \end{smallmatrix} \right\}$
 be of Fir, and $\left\{ \begin{smallmatrix} 24 \\ 36 \\ 48 \end{smallmatrix} \right\}$ at Top must be $\left\{ \begin{smallmatrix} 7 & 8 \\ 8 & 9 \\ 9 & 10 \end{smallmatrix} \right\}$ Bottom $\left\{ \begin{smallmatrix} 8 & 9 \\ 9 & 10 \frac{1}{2} \\ 10 & 12 \end{smallmatrix} \right\}$
 its Length $\left\{ \begin{smallmatrix} 24 \\ 36 \\ 48 \end{smallmatrix} \right\}$ be $\left\{ \begin{smallmatrix} 7 & 8 \\ 8 & 9 \\ 9 & 10 \end{smallmatrix} \right\}$ Bottom $\left\{ \begin{smallmatrix} 8 & 9 \\ 9 & 10 \frac{1}{2} \\ 10 & 12 \end{smallmatrix} \right\}$

Ditto, but if of Oak at Top, $\left\{ \begin{smallmatrix} 8 & 9 \\ 9 & 10 \\ 10 & 12 \end{smallmatrix} \right\}$ and at $\left\{ \begin{smallmatrix} 9 & 10 \\ 10 & 12 \\ 12 & 14 \end{smallmatrix} \right\}$
 Bottom $\left\{ \begin{smallmatrix} 9 & 10 \\ 10 & 12 \\ 12 & 14 \end{smallmatrix} \right\}$

III. For small Rafters.

FIRST. For small Buildings.

Feet.
 If the Rafter $\left\{ \begin{smallmatrix} 8 \\ 10 \\ 12 \end{smallmatrix} \right\}$ then its Scantling must be $\left\{ \begin{smallmatrix} 3 \text{ and a half} \\ 4 \text{ and a half} \\ 5 \text{ and a half} \end{smallmatrix} \right\}$ by $\left\{ \begin{smallmatrix} 2 \text{ and a half} \\ 2 \text{ and a half} \\ 2 \text{ and a half} \end{smallmatrix} \right\}$
 be of Fir, and $\left\{ \begin{smallmatrix} 8 \\ 10 \\ 12 \end{smallmatrix} \right\}$ its bearing $\left\{ \begin{smallmatrix} 8 \\ 10 \\ 12 \end{smallmatrix} \right\}$ ling must be $\left\{ \begin{smallmatrix} 3 \text{ and a half} \\ 4 \text{ and a half} \\ 5 \text{ and a half} \end{smallmatrix} \right\}$ by $\left\{ \begin{smallmatrix} 2 \text{ and a half} \\ 2 \text{ and a half} \\ 2 \text{ and a half} \end{smallmatrix} \right\}$

But if of Oak, $\left\{ \begin{smallmatrix} 4 \text{ and a half} \\ 5 \text{ and a half} \\ 6 \text{ and a half} \end{smallmatrix} \right\}$ by $\left\{ \begin{smallmatrix} 3 \\ 3 \\ 3 \end{smallmatrix} \right\}$

SECOND. For large Buildings.

Feet.
 If the Rafter $\left\{ \begin{smallmatrix} 8 \\ 10 \\ 12 \end{smallmatrix} \right\}$ then its Scantling must be $\left\{ \begin{smallmatrix} 4 \text{ and a half} \\ 5 \text{ and a half} \\ 6 \text{ and a half} \end{smallmatrix} \right\}$ by $\left\{ \begin{smallmatrix} 3 \\ 3 \\ 3 \end{smallmatrix} \right\}$
 be of Fir, and $\left\{ \begin{smallmatrix} 8 \\ 10 \\ 12 \end{smallmatrix} \right\}$ its bearing $\left\{ \begin{smallmatrix} 8 \\ 10 \\ 12 \end{smallmatrix} \right\}$ ling must be $\left\{ \begin{smallmatrix} 4 \text{ and a half} \\ 5 \text{ and a half} \\ 6 \text{ and a half} \end{smallmatrix} \right\}$ by $\left\{ \begin{smallmatrix} 3 \\ 3 \\ 3 \end{smallmatrix} \right\}$

But if of Oak, $\left\{ \begin{smallmatrix} 5 \text{ and a half} \\ 7 \\ 9 \end{smallmatrix} \right\}$ by $\left\{ \begin{smallmatrix} 3 \\ 3 \\ 3 \end{smallmatrix} \right\}$

PURLINES.

Purlines must be cut to a Scantling from 9 by 8, to 9 by 12, in large Buildings where they are framed into the principal Rafters; but for small common Buildings, where they are laid in the Collar-Beams, from 4 by 5, to 5 by 6.

Cells and Over-ways.

Cells and Over-ways are cut to a Scantling from 8 by 9, to 9 by 6.

RAISING-PLATES.

Raising-Plates are cut to a Scantling from 8 by 5, to 9 by 6.

FOUR TABLES.

For the valuing of Timber or Stone, according to any Scantling or Size that is squared and cut to, fit for Building, without measuring the solid Content thereof, at the Rate of Eighteen Pence, Two Skillings, Two Skillings and Six Pence, and Three Skillings per Foot Cubical; and by Addition only, to a much greater Variety of Prices.

TABLE

TABLE IV. Of the Value of TIMBER or STONE, in
SCANTLINGS, at 3s. per FOOT, CUBE.

35

Scant.	d. p.	Scant.	d. f.	Scant.	d. f.	Scant.	d. f.	Scant.	d. f.	Scant.	d. f.	Scant.	d. f.
2	Inc.	3	Inc.	5	5 0	9 2	11 3	9 2	15 1	9	19 0		
2 2	1 1	3	2 1	5 2	5 2	10	12 2	10	16 1	9 2	20 0		
3	1 2	3 2	2 2	6	6 0	10 2	13 0	10 2	17 0	10	21 1		
3 2	1 3	4	3 0	6 2	6 2	11	13 3	11	17 3	10 2	22 1		
4	2 0	4 2	3 1	7	7 0	11 2	14 1	11 2	18 2	11	23 1		
4 2	2 1	5	3 3	7 2	7 2	12	15 0	12	19 2	11 2	24 1		
5	2 2	5 2	4 0	8	8 0	5 2	Inc.	7	Inc.		25 2		
5 2	2 3	6	4 2	8 2	8 2	5 2	7 2	7	12 1	9	Inc.		
6	3 0	6 2	4 3	9	9 0	6	8 1	7 2	13 0	9	20 1		
6 2	3 1	7	5 1	9 2	9 2	6 2	8 3	8	14 0	9 2	21 1		
7	3 2	7 2	5 2	10	10 0	7	9 2	8 2	14 3	10	22 2		
7 2	3 3	8	6 0	10 2	10 2	7 2	10 1	9	15 3	10 2	23 2		
8	4 0	8 2	6 1	11	11 0	8	11 0	9 2	16 2	11	24 3		
8 2	4 1	9	6 3	11 2	11 2	8 2	11 2	10	17 2	11 2	25 3		
9	4 2	9 2	7 0	12	12 0	9	12 1	10 2	18 0	12	27 0		
9 2	4 3	10	7 2	4 2	Inc.	9 2	13 0	11	19 1	9 2	Inc.		
10	5 0	10 2	7 3	4 2	5 0	10	13 3	11 2	20 0	9 2	22 2		
10 2	5 1	11	8 1	5	5 2	10 2	14 1	12	21 0	10	23 2		
11	5 2	11 2	8 2	5 2	6 0	11	15 0	7 2	Inc.	10 2	24 3		
11 2	5 3	12	9 0	6	6 3	11 2	15 3	7 2	14 0	11	26 0		
12	6 0	3 2	Inc.	6 2	7 1	12	16 2	8	15 0	11 2	27 1		
2 2	Inc.	3 2	3 0	7	7 3	6	Inc.	8 2	15 3	12	28 2		
2 2	1 2	4	3 2	7 2	8 1	6	9 0	9	16 3	10	Inc.		
3	1 3	4 2	3 3	8	9 0	6 2	9 3	9 2	17 3	10	25 0		
3 2	2 0	5	4 1	8 2	9 2	7	10 2	10	18 3	10 2	26 1		
4	2 2	5 2	4 3	9	10 0	7 2	11 1	10 2	19 2	11	27 2		
4 2	2 3	6	5 1	9 2	10 2	8	12 0	11	20 2	11 2	28 3		
5	3 0	6 2	5 2	10	11 1	8 2	12 3	11 2	21 2	12	30 0		
5 2	3 1	7	6 0	10 2	11 3	9	13 2	12	22 2	10 2	Inc.		
6	3 3	7 2	6 2	11	12 1	9 2	14 1	8	Inc.	10 2	27 2		
6 2	4 0	8	7 0	11 2	12 3	10	15 0	8	16 0	11	28 3		
7	4 1	8 2	7 1	12	13 2	10 2	15 3	8 2	17 0	11 2	30 0		
7 2	4 2	9	7 3	5	Inc.	11	16 2	9	18 0	12	31 1		
8	5 0	9 2	8 1	5	6 1	11 2	17 1	9 2	19 0	11	Inc.		
8 2	5 1	10	8 3	5 2	6 3	12	18 0	10	20 0	11 2	30 1		
9	5 2	10 2	9 0	6	7 2	6 2	Inc.	10 2	21 0	11	31 2		
9 2	5 3	11	9 2	6 2	8 0	7	11 1	11 2	23 0	12	33 0		
10	6 1	11 2	10 0	7	8 3	7 2	12 0	12	24 0	11 2	Inc.		
10 2	6 2	12	10 2	7 2	9 1	8	13 0	8	Inc.	11 2	33 0		
11	6 3	4	Inc.	8	10 0	8 2	13 3	8 2	18 0	12	34 2		
11 2	7 0	4	4 0	8 2	10 2	9	14 2						
12	7 2	4 2	4 2	9	11 1								

The Explanation and Use of the four foregoing TABLES, for the valuing of TIMBER, or STONE.

EXPLANATION.

AT the Beginning of each of the Tables, betwixt two parallel Lines, stands two Inches, and between the next Parallel, lower, stands 2 2, which signify two and a half Inches, and so on to 11 2 Inches, which two Inches, &c. is the Scantling or Thickness of the lesser Side of the Piece of Timber or Stone, and under the said parallel Lines, are four Rows or Columns of Figures; in those two Columns to the Left Hand, under Scantling, is the Breadth or Scantling of the larger Side of the Piece of Timber or Stone, to be valued, right against which, under Inches, is the Value of one Foot in Length in Pence and the Eighth-parts of a Penny, for the three first Tables; but in the fourth Table, viz. That of Three Shillings per Foot, Cube, you have the Value thereof in Pence and Farthings,

Example 1.

What is the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantling is two Inches by ten and a half, at the Rate of Eighteen Pence per Foot, Cube?

Seek by Table I. for 2 Inches between parallel Lines, the Scantling of the lesser Side, and right under it, in the Left Hand Column, under Scantling, for 10 2, viz. ten Inches and a half, the Scantling of the other larger Side; and right against it in the next Column, under Inches stands 2 5, which is Two-pence, and Five eighths of a Penny, equal to Two-pence Half-penny, and one eighth or half a Farthing, the Price or Value sought.

NOTE, That the Scantling of the least Side of a Piece of Timber or Stone, must always be sought for first between the parallel Lines, and the Scantling of the largest Side, right under it, under Scantling, as before directed.

Example 2.

What is the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantling is 7 Inches by 9, at the Rate of two Shillings per Foot, Cube?

By

Of CARPENTERS and JOYNNERS WORK. 37

By Table II. seek between the parallel Lines for 7 Inches, the least Scantling, and under it for 9 Inches, the other Scantling, right against which in the next Column, under Inches, is 10 4, viz. Ten-pence and Four eighths of a Penny, the Price or Value of one Foot, in Length, as required.

Example 3.

What is the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantling is 10 by 12, at the Rate of Two Shillings and Six-pence per Foot, Cube?

By Table III. seek for 10 Inches between the parallel Lines, and under it for 12 Inches in the Left-hand Column; against which, under Inches, stand 25 0, viz. Twenty-five Pence, the Price or Value of one Foot in Length, as required.

Example 4.

What is the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantling is $6\frac{1}{2}$ by $9\frac{1}{2}$, at the rate of Three Shillings per Foot, Cube?

By Table IV. between the parallel Lines, seek for 6 2, and under it in the Left Hand Column, for 9 2, right against which, in the next Column under Inches stands 15 1, viz. Fifteen-pence one Farthing, the Price or Value of one Foot in Length, as required.

And here it may not be amiss to repeat again what I before observed, that the Value of the Timber or Stone by this Table, is given in Pence and Farthings, and not in Pence and the Eighths of a Penny, as in the other three.

NOTE, If you would know the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantlings are larger than any in the Tables, observe the following Rule, viz. Seek by the Table that you would value it by, the Value or Price of a Foot of Timber or Stone, whose Scantlings are each of them but equal to half the given Scantlings, and four Times that Price is the Price sought,

Example 5.

What is the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantlings are 16 by 20, at the Rate of Three Shillings per Foot, Cube?

38 Of CARPENTERS and JOYNERS WORK.

The Half of the given Scantling is 8 by 10, therefore by Table IV. seek between the parallel Lines for 8 Inches, the least Scantling, and under it, in the Left Hand Column, as before directed, for 10, against which, in the next Column, under Inches, stands 20 0, viz. Twenty-pence, the Value of one Foot in Length of a Piece of Timber or Stone, whose Scantling is 8 by 10, and four Times Twenty is Eighty Pence, which is Six Shillings and Eight Pence, the Price or Value of one Foot in Length of a Piece of Timber or Stone, whose Scantling is 16 by 20, as required.

The same Rule will hold good in any other Case of the like Nature, in any of the Tables.

NOTE, These Tables may be made Use of for the valuing of Timber or Stone for twice as much as they are made for, by doubling the Price set down to any Scantling, or but half as much, by taking half the Price; or they may be made Use of at the following Rate per Foot Cube, viz. at 3s. 6d. per Foot, at 4s. at 4s. 6d. at 5s. at 5s. 6d. and 6s. per Foot, Cube, thus :

At 3s. 6d. per Foot, Cube, add the Price set to any Scantling in Table I. to the Price of the same Scantling in Table II.

At 4s. per Foot, Cube, take twice the Price in Table II.

At 4s. 6d. per Foot, Cube, add the Price in Table I. to Table II.

At 5s. per Foot, Cube, take twice the Price of Table III.

At 5s. 6d. per Foot, Cube, add the Price in Table III. to Table IV.

At 6s. per Foot Cube, take twice the Price in Table IV.

N. B. That when you want to make Use of either of these Tables for the valuing of Timber or Stone, you must be sure to make Choice of such as will be agreeable to the Custom of the Country where you want to value either of them, for in some Countries, Timber, by Reason of the Length of Carriage, Workmen's Wages, &c. is much dearer than in others; the same likewise may be said of Stone; for which Reason I have composed these four Tables, and given Rules how they may be made Use of to a much greater Variety of Prices than what they are made for, and therefore I hope one or other of them, by observing the above Rules of their Use, will serve for the valuing of either Timber or Stone in any Place in England.

NOTE, Oak Timber cut into Scantlings fit for Building, in Colchester, is valued at Two Shillings per Foot, Cube, as by Table II. and Fir framed in naked Flooring, &c. in London, at the same Price.

Oak Timber in London, when cut to Scantlings fit for Building, is valued at 2s. 6d. and 3s. per Foot, Cube, as in Table III. and IV.

§ E C T,

S E C T. IV.

O F P L U M B E R S W O R K.

		l.	s.	d.
1.	L E A D in Sheets, for Flats, Gutters, &c. per Hundred Weight, exclusive of Labour and Solder, which is paid for extra, is from 1l. 1s. per Hundred to _____	1	3	4

NOTE, As it is usual with the Plumbers to cast their Sheet Lead of Thicknesses, viz. from 7 to 12lb. the Foot square. I shall therefore insert the following Table, which will readily shew the Value of a Foot square of Sheet Lead, when cast to any of the Thicknesses after-mentioned in the Table, and according to the different Prices mentioned as above, by which it will be very easy to calculate the Expence of covering any Place with Sheet Lead, by only measuring the Superficies of the Place to be covered, and determining on the Thickness of the Lead.

The T A B L E

lb. to Foot		s.	d.			s.	d.
Lead at	7	At the Rate of 1l. 1s. per Hundred.	1	3 $\frac{3}{4}$	per Foot	1	5 $\frac{1}{2}$
	8		1	6		1	8
	9		1	8 $\frac{1}{4}$		1	10 $\frac{1}{2}$
	10		1	10		2	1
	11		2	0 $\frac{1}{4}$		2	3 $\frac{1}{2}$
	12		2	3		2	6
							per Foot

- | | | | | |
|------------------------------------------------------------------------------------------------------------------|---|---|---|---|
| 2. Lead, cast and laid, per Hundred, | — | 0 | 3 | 6 |
| 3. For casting of old Lead, and the Plumber to return the same Weight per Hundred, or a Halfpenny, per lb. | } | 0 | 4 | 8 |
| 4. Leaden Cisterns cast with Ornaments, Solder and all included, at per Hundred, | | — | — | — |
| 5. All Water-Pipes from three Quarters of an Inch to seven Inches Bore, Solder and Labour included, per Hundred, | } | 1 | 5 | 8 |
| 6. Rain Water-Pipes, and Lead Pumps, all the three Articles per Hundred, or 2d. $\frac{1}{4}$ per lb. | | — | — | — |

By

By the following Table of the Weight of the Leaden Pipes according to their Size, and by the Price set down as above, 1l. 5s. 8d. per Cent. it is easy to calculate the Expence of laying down any Number of Yards of any Size specified in the Table.

The T A B L E.

Inches.		lb.		Price.	
Pipes of	$\frac{3}{4}$	Bore, weight,	10	2	3 $\frac{1}{2}$
	1		12	2	9
	$1\frac{1}{4}$		15	3	5 $\frac{1}{2}$
	$1\frac{1}{2}$		18	4	1 $\frac{1}{2}$
	$1\frac{3}{4}$		21	4	9 $\frac{1}{2}$
	2		24	5	6

per Yard.

I shall now give you the Weight and Prices of Leaden Pipes of different Sizes, as was calculated for a Person of Quality, by Mr. STEPHEN SWITZER, as set down in his System of Hydrostaticks and Hydraulicks, Vol. 1. Page 123.

It will be to little Purpose (says the Author) for me to urge that Pipes are dearer and cheaper in Proportion to their Dimensions and Thickneses, and consequently to the Price of Lead, and the Allowance in Weight that is made to every Foot or Yard: But the following is a Calculation made for a Person of Quality by whom I had the Honour to be employed, and where Lead, casting and all, is reckoned, at 1l. 2s. per Hundred.

Inches Bore.		lb. Weight.		s.	
To a Pipe of	$\begin{Bmatrix} 3 \\ 2 \\ 2 \end{Bmatrix}$	there is allowed	$\begin{Bmatrix} 45 \\ 40 \\ 36 \\ 30 \end{Bmatrix}$	Worth from	$\begin{Bmatrix} 9 \\ 8 \\ 7 \\ 6 \end{Bmatrix}$

to $\begin{Bmatrix} 10 \\ 9 \\ 8 \\ 7 \end{Bmatrix}$ per Yard.

The Author further observes, to the three first of the above-mentioned Pipes, that it would not be amiss to add Five Pounds more to every Yard, and that these Prices are calculated when Lead is worth from Twenty-two to Twenty-five Shillings per Hundred Weight, allowing for Waste.

OF PLUMBERS WORK.

41

		l.	s.	d.
7.	For foddering the Joints of Water Pipes of $\frac{1}{2}$ Inch Bore, per Joint, in London, ———	0	2	6
8.	—— 1 Inch ditto, ———	0	3	0
9.	—— 1 Inch and a Half ditto, ———	0	3	6
10.	—— 2 Inch ditto, ———	0	4	6
11.	—— 2 Inch and a Half ditto, ———	0	5	6
12.	—— 3 Inch Bore, per Joint, ———	0	7	0
13.	—— 3 Inch and a Half ditto, ———	0	8	6
14.	—— 4 Inch ditto, ———	0	10	0
15.	—— 4 Inch and a Half ditto, ———	0	11	0
16.	—— 5 Inch ditto, ———	0	12	6
17.	—— 5 $\frac{1}{2}$ Inch ditto, ———	0	14	0
18.	—— 6 Inch ditto, ———	0	16	0
19.	—— 6 $\frac{1}{2}$ Inch ditto, ———	0	19	0
20.	—— 7 Inch ditto, ———	1	1	0
21.	Sash Weights, &c. per Hundred Weight, ———	1	1	0
22.	Solder, per Pound, ———	0	0	9
23.	The customary Allowance by Plumbers for old Lead, is per Hundred, ———	0	14	0
24.	Stop Cocks at per Pound, ———	0	1	3
25.	Ditto with setting on, Solder, and Work included, if an Inch and a Half Diameter, at per Cock, ———	0	8	6
26.	Ditto 1 $\frac{1}{4}$ Inch Diameter, at per Cock, ———	0	7	0
27.	Ditto 1 Inch ditto, at per Cock, ———	0	5	6
28.	Ditto $\frac{3}{4}$ Inch ditto, at per Cock, ———	0	4	6
29.	Ditto $\frac{1}{2}$ Inch ditto, at per Cock, ———	0	3	6
30.	Ball Cocks, the Ball 6 Inches Diameter, and the Cock 1 Inch, at per Cock, ———	0	12	0
31.	Ditto 5 Inches $\frac{1}{4}$ Diameter, at per Cock, ———	0	9	0
32.	Ditto 4 Inches $\frac{1}{2}$ ditto, at per Cock, ———	0	6	0
33.	Brass Cocks and Bosses, from 3 Inches, to an Inch and a Quarter Diameter, at per Pound, ———	0	1	3
34.	Brass Cocks and Bosses, with Solder, setting on, and Work included, if an Inch and a Half Diameter, at per Cock, ———	0	7	6
35.	Ditto Inch and a Quarter, at per Cock, ———	0	5	6
36.	Ditto Inch, at per Cock, ———	0	4	6
37.	Ditto three Quarters, at per Cock, ———	0	3	6
38.	Ditto Half Inch, at per Cock, ———	0	3	0
39.	If without Bosses, deduct from the small ones 4d, the middle Size 6d. and the largest 8d. each.			

S E C T. V.

Of SLATERS WORK.

	l.	s.	d.
1. SLATING with Can Quarry Slate, per Square, or } 100 superficial Feet, from 1l. 12s. to —	1	15	0
2. Ditto on O. G. Roofs, per Square, from 2l. 2s. to —	2	5	0
3. Ditto, new ripped and laid, per Square, —	1	1	0

S E C T. VI.

Of GLAZIERS WORK.

	l.	s.	d.
1. CROWN Glafs, measured neat for Sashes, per } Foot, in London, according to the Size of the } Squares, from 11d. to —	0	1	0
2. Sashes glazed with London Crown Glafs, puttied on } both Sides, per Foot, in London, from 1s 2d. to —	0	1	3
3. Ditto, in the Country, from 1s. 5d. to — } Workmanship, Putty, and Brads only, per Foot,	0	1	6
4. Sashes, glazed with Bristol Crown Glafs, puttied } on both Sides, from 1s. per Foot, to —	0	1	2
5. Ditto, with Newcastle Glafs, per Foot superficial,	0	0	10
6. Ditto with waved, or jealous Glafs, per Foot, from } 2s. to —	0	2	6
7. Ditto glazed with Plate Glafs, from 1 to 2 Foot } Panes, per Foot superficial, from 5s. to —	0	6	0
8. Ditto from 2, to 3 or 4 Foot Panes, from 6s. per } Foot, to —	0	8	0
9. Glazing with Crown Glafs, Squares and Quarries } in Lead Work, per Foot, from 10d. to —	0	1	0
10. Ditto Workmanship, Lead and Solder, per Foot, } Ditto Work only, per Foot,	0	0	3
11. For taking down Quarry Glafs scowring, fodder- } ing, banding and putting it up again, per Foot,	0	0	2
NOTE, The Glaziers reckon that 50 lb. turned Lead is sufficient for 100 Foot of Glafs.			

S E C T. VII.

OF PLAISTERS WORK.

	l.	s.	d.
1. COMMON rough Casting, per Yard, Square, } Work and all Materials from 1s. 2d. —	0	1	6
Workmanship only, per Yard, —	0	0	6
2. Ditto, with Stone Mortar and raised Pannels, } from 2s. per Yard, to —	0	2	6
Ditto, Workmanship only, per Yard, —	0	0	9
3. Ditto, with Stone Mortar, done in Imitation of } Stone Work, well fluted and jointed, from 2s. 6d. per } Yard, to —	0	3	0
Ditto Workmanship, with Lathing, per Yard, —	0	0	9
4. Plastering upon Brick Work, finishing with Mor- } tar, in Imitation of Stone Work, from 1s. 6d. per } Yard, to —	0	2	0
Workmanship only, from 6d. to —	0	0	8
NOTE. In all these Works, the Scaffolding to be considered.			
N. B. The Quantity of Lime and River Sand to be equal for the finishing Mortar.			
5. Grey Plaster Floors, two Inches and a Half thick, } per Square, in London, —	2	10	0
Ditto Workmanship only, per Square, —	1	1	0
6. Red Plaster Floors, ditto per Square —	3	10	0
Ditto Workmanship only, per Square, —	1	5	0
7. Stucco on Fir Laths, in London, per Yard Square, —	0	2	0
Ditto Workmanship only per Yard Square, —	0	0	10
8. Stucco on Oak Laths, per Yard, in London, —	0	2	3
Ditto Workmanship only, per Yard, —	0	0	10
9. Floated Ceilings, per Yard, in London, from } 1s. and 2d. to —	0	1	3
Ditto Workmanship only, from 6d. per Yard, to —	0	0	8
10. Common plain Ceilings, per Yard, —	0	1	0
Ditto Workmanship only, per Yard, —	0	0	5
11. Floated Dendering, per Yard, in London, —	0	0	6
Ditto Workmanship only, per Yard, —	0	0	2 $\frac{1}{2}$
12. Lath and Plastering of Inside Work, from 10d. } per Yard, to —	0	1	0
Workmanship only, per Yard, from 4d. to —	0	0	5
13. Rendering on Groins, per Yard, from 6d. to —	0	0	9

	l.	s.	d.
Workmanship only from 3d. to —	0	0	4
14. For White-washing, with Whiting and Size, } Work, and all Materials, per Yard, —	0	0	2
Ditto, Work only, —	0	0	0½
NOTE. One Bundle of Oak Sap Laths, is sufficient for Six Yards and a Half of Plaistering, and one Bundle of Heart Laths for Five Yards and a Half.			
15. Whitening of new Work, per Yard, —	0	0	1
Ditto Workmanship only, per Yard, —	0	0	0½
16. Enriched Mouldings to Pannels in Ceilings, &c. } in London, per Foot, running Measure; —	0	1	7
17. Plain Mouldings to Cornishes, &c. per Foot,	0	0	9
18. Corinthian Cornishes, fully enriched, per Foot,	0	2	0
19. Ionick ditto, per Foot, —	0	1	8
20. Plain ditto, per Foot, —	0	1	2
21. Enriched Friezes, with Oak Leave and Acrons, } per Foot, —	0	1	10
22. Large Frames on Stair Cases, &c. fully enriched, } per Foot, —	0	1	10
23. Large Festoons of Fruit and Flowers, &c. per Foot, —	0	3	8

S E C T. VIII.

Of CARVERS' WORK.

	l.	s.	d.
1. O VOLO to Deal Framing, carved with Eggs, in } London, per Foot, running, —	0	0	4
2. O. G. to Deal Framing, carved with seven-leaved } Grass, per Foot, running, —	0	0	4
3. Ovolo to Framing in right Wainscot, carved with } Eggs, per Foot, running, —	0	0	6
4. Small O. G. to the raising of Pannels in Deal, } carved with three-leaved Grass, per Foot running	0	0	2
5. Carving the Ionick Capitals, per Foot, Facio,	0	5	0
6. Ditto the Corinthian and Composite Capitals, at } per Foot, Facio Work, about —	0	8	0

S E C T IX.

Of PAINTERS WORK.

	l.	s.	d.
1. I NSIDE and Outside Painting, three or four Times in Oil, in London, per Yard, from 6d. to	0	0	8
2. Painting, second coloured, and finished, per Yard,	0	0	5
3. Clear coaled and finished, per Yard,	0	0	4
4. Sash Frames, three Times in Oil, each	0	1	6
5. Sash Squares ditto, per each,	0	0	1½
6. Window Lights three Times in Oil, each from 3d. to	0	0	6
7. Casements each, from 3d. to	0	0	6
8. Painting with Olive Colour, at per Yard,	0	0	8
9. Ditto with Prussian Blue, at per Yard,	0	0	10
10. Ditto Greens, at per Yard,	0	1	0
11. Inside Painting of old Work, per Yard,	0	0	4
12. Modillion Cornishes, from 6d. per Foot running, to	0	1	0
13. Common Outside Cornishes, if single, per Foot running,	0	0	3

Of the Prices of Colours as sold at the Colour-Shops in London, and how many Square Yards each Colour will paint.

	l.	s.	d.
First, Primer ground in Oil, at per 112 lb. Weight,	1	16	0
Ditto, at per Pound	0	0	4
Ditto, one Pound of which will paint, with Oil, twenty Square Yards.			
Second, Primer ground in Oil, at per 112 lb. Weight,	1	16	0
Ditto, at per Pound,	0	0	4
Ditto, one Pound of which will paint twelve square Yards.			
Best White Lead ground in Oil, at per 112 lb. Weight,	1	16	0
Ditto, at per Pound,	0	0	4
Ditto, one Pound of which, with Oil, will paint eight Square Yards.			

PEARL Colour	} at 4d. and 5d. per lb. ground in Oil	{ One Pound of which, with Oil, will paint eight Square Yards.
LEAD Colour,		
CREAM Colour,		
STONE Colour,		
WAINSCOT or OAK ditto.		

CHOCOLATE Colour,	} ground in	{ One Pound of which, with				
MAHOGANY Colour,			Oil, at 6d.	Oil, will paint ten Square		
CEDAR Colour,					per lb.	Yards.
WALNUT-TREE Colour,						

GOLD Colour,	} ground in	{ One Pound of which, with Oil,			
OLIVE Colour,			Oil, from	will paint eight Square Yards.	
PEA Colour,					8d. to 12d.
Fine SKY BLUE,					
mix'd with PRUS-					
SIAN BLUE,					
ORANGE Colour,					
LEMON Colour,					
per lb.					
STRAW Colour,	} will paint eight Square Yards.				
PINK Colour,					
BLOSSOM Colour,					

Fine deep GREEN, ground in Oil, at 2s. 6d. per Pound, which, with Oil, will paint 20 Square Yards.

Linseed Oil from 10d. to 12d. per Quart.

Turpentine Oil at 12d. per Quart.

Best drying Oil at 12d. per Quart.

Putty at 4d. per Pound.

Double Size used by Painters for painting new Work, at 4s. per Firkin, or 2d. per Quart.

Single Size, at 18d. per Firkin, or 1d. per Quart.

N. B. The above Prices of the Paint, Oil, &c. were taken from an Advertisement of ALEXANDER EMERTON's, a Colour-man, at the Bell, over against Arundel-Street, near St. Clement's Church, in the Strand, London.

S E C T X.

PAVIOURS WORK.

- | | l. | s. | d. |
|---------------------------------------------------------------------------------------|----|----|----|
| 1. NEW Flanders Brick paving, per Yard Square, } | 0 | 3 | 6 |
| in London, _____ | | | |
| 2. Ditto Workmanship only, per Yard, _____ | 0 | 0 | 5 |
| 3. New Purbeck Square Paving, four Inches thick, } | 0 | 5 | 3 |
| per Yard, _____ | | | |
| 4. Ditto | | | |

OF PAVIOURS WORK.

47

	l.	s.	d.
4. Ditto Workmanship only, Gravel included, per Yard,	0	0	7
5. New Purbeck Square Paving, six Inches thick, } per Yard, _____	0	6	0
6. Ditto, if the hard blue Sort, at per Yard,	0	6	6
7. Paving with Kentish Squares, per Yard,	0	4	6
8. Paving with Ragg, per Yard, _____	0	1	8
9. Ditto old Work, per Yard, _____	0	0	8
10. New Pebble Paving, 14 Inches deep, per Yard,	0	3	6
11. Ditto 15 Inches deep, per Yard, _____	0	4	0
12. Ditto from 16 to 18 Inches deep, per Yard,	0	4	6
13. New Ragg Paving, or Bowlers, per Yard, —	0	2	6
14. Paving with Red Bricks, per Yard, _____	0	1	2
15. Ditto Workmanship only, per Yard, —	0	0	5
16. White Brick Paving, per Yard, _____	0	1	8
17. Paving with Clinckers, per Yard, —	0	2	6
18. Nine Inch Pammant Pavement, per Yard,	0	2	8
19. Free-Stone Paving, with Stones of promiscuous } Lengths and Breadths, at per Yard, _____	0	3	0
20. White Marble, veined with Red, &c. in Squares, } per Foot, _____	0	5	6
21. Portland Stone Paving, fit for Halls, per Foot,	0	1	6
22. Ditto Workmanship only, per Yard, —	0	0	6

N. B. See more of Paving at Page 17, Sect. II. at Number 21, 22, 23, 24, 25, 26.

* * The above Prices are calculated from the Materials, being at the following Rates ; therefore when, or where they are sold for more or less, you must make a suitable Allowance.

- 24. Pebbles at 20s. per Ton.
- 25. Gravel at 2s. 4d. per Load.
- 26. Raggs at 10s. per Ton.
- 27. Flander Bricks at 20s. per Thousand.

A TABLE of Pavements, shewing how many Paving Tiles, from six to twelve Inches Square, will lay any Floor that consists of any Number of superficial Feet, from 9 to 810 Feet ; likewise how many Bricks, Lumps, or Clinckers, laid flat, or edge ways, will pave the same.

The

48 The TABLE of PAVEMENTS continued.

Square Feet	6 Inch Tiles.	8 Inch Tiles.	9 Inch Files.	10 Inch Tiles.	12 Inch Tiles.	Bricks or Lumps ft	Bricks, on edge	Dutch Clink
9	36	21	10	13	9	32	64	90
18	72	42	32	26	18	64	128	180
27	108	63	48	39	27	96	192	270
36	144	84	64	52	36	128	256	360
45	180	105	80	65	45	160	320	450
54	216	126	96	78	54	192	384	540
63	252	147	112	91	63	224	448	630
72	288	168	128	104	72	256	512	720
81	324	189	144	117	81	288	576	810
90	360	210	160	130	90	320	640	900
99	396	231	176	143	99	352	704	990
108	432	252	192	156	108	384	768	1080
117	468	273	208	169	117	416	832	1170
126	504	294	224	182	126	448	896	1260
135	540	315	240	195	135	480	960	1350
144	576	336	256	208	144	512	1024	1440
153	612	357	272	221	153	544	1088	1530
162	648	378	288	234	162	576	1152	1620
171	684	399	304	247	171	608	1216	1710
180	720	420	320	260	180	640	1280	1800
189	756	441	336	273	189	672	1344	1890
198	792	462	352	286	198	704	1408	1980
207	828	483	368	299	207	736	1472	2070
216	864	504	384	312	216	768	1536	2160
225	900	525	400	325	225	800	1600	2250
234	936	546	416	338	234	832	1664	2340
243	972	567	432	351	243	864	1728	2430
252	1008	588	448	364	252	896	1792	2520
261	1044	609	464	377	261	928	1856	2610
270	1080	630	480	390	270	960	1920	2700
279	1116	651	496	403	279	992	1984	2790
288	1152	672	512	416	288	1024	2048	2880
297	1188	693	528	429	297	1056	2112	2970
306	1224	714	544	442	306	1088	2176	3060
315	1260	735	560	455	315	1120	2240	3150
324	1296	756	576	468	324	1152	2304	3240
333	1332	777	592	481	333	1184	2368	3330
342	1368	798	608	494	342	1216	2432	3420
351	1404	819	624	507	351	1248	2496	3510
360	1440	840	640	520	360	1280	2560	3600
369	1476	861	656	533	369	1312	2624	3690
378	1512	882	672	546	378	1344	2688	3780
387	1548	903	688	559	387	1376	2752	3870
396	1584	924	704	572	396	1408	2816	3960
405	1620	945	720	585	405	1440	2880	4050

Square Feet	6 Inch Tiles.	8 Inch Tiles.	9 Inch Tiles.	10 Inch Tiles.	12 Inch Tiles.	Bricks or Lumps ft	Bricks on edge	Dutch Clink
414	1656	966	736	598	414	1472	2944	4140
423	1692	987	752	611	423	1504	3008	4230
432	1728	1008	768	624	432	1536	3072	4320
441	1764	1029	784	637	441	1568	3136	4410
450	1800	1050	800	650	450	1600	3200	4500
459	1836	1071	816	663	459	1632	3264	4590
468	1872	1090	832	676	468	1664	3328	4680
477	1908	1113	848	689	477	1696	3392	4770
486	1944	1134	864	702	486	1728	3456	4860
495	1980	1155	880	715	495	1760	3520	4950
504	2016	1176	896	728	504	1792	3584	5040
513	2052	1197	912	741	513	1824	3648	5130
522	2088	1218	928	754	522	1856	3712	5220
531	2124	1239	944	767	531	1888	3776	5310
540	2160	1260	960	780	540	1920	3840	5400
549	2196	1281	976	793	549	1952	3904	5490
558	2232	1302	992	806	558	1984	3968	5580
567	2268	1323	1008	819	567	2016	4032	5670
576	2304	1344	1024	832	576	2048	4096	5760
585	2340	1365	1040	845	585	2080	4160	5850
594	2376	1386	1056	858	594	2112	4224	5940
603	2412	1407	1071	871	603	2144	4288	6030
612	2448	1428	1088	884	612	2176	4352	6120
621	2484	1449	1104	897	621	2208	4416	6210
630	2520	1470	1120	910	630	2240	4480	6300
639	2556	1491	1136	923	639	2272	4544	6390
648	2592	1512	1152	936	648	2304	4608	6480
657	2628	1533	1168	949	657	2336	4672	6570
666	2664	1554	1184	962	666	2368	4736	6660
675	2700	1575	1200	975	675	2400	4800	6750
684	2736	1596	1216	988	684	2432	4864	6840
693	2772	1617	1232	1001	693	2464	4928	6930
702	2808	1638	1248	1014	702	2496	4992	7020
711	2844	1659	1264	1027	711	2528	5056	7110
720	2880	1680	1280	1040	720	2560	5120	7200
729	2916	1701	1296	1053	729	2592	5184	7290
738	2952	1722	1312	1066	738	2624	5248	7380
747	2988	1743	1328	1079	747	2656	5312	7470
756	3024	1764	1344	1092	756	2688	5376	7560
765	3060	1785	1360	1105	765	2720	5440	7650
774	3096	1806	1376	1118	774	2752	5504	7740
783	3132	1827	1392	1131	783	2784	5568	7830
792	3168	1848	1408	1144	792	2816	5632	7920
801	3204	1869	1424	1157	801	2848	5696	8010
810	3240	1890	1440	1170	810	2880	5760	8100

An Explanation of the foregoing TABLE of
PAVEMENTS.

THIS Table consists of two Pages, the first Column to the Left Hand is Feet, in which is to be sought the Number of superficial Feet that any Floor consists of that is to be paved, and right against each Number, in each of the other Columns, according to their Titles, is the Number of Paving Tiles, Bricks, &c. that will pave so many superficial Feet.

Example 1.

Suppose a Floor of 9 Foot wide and 20 Foot long, how many Paving Tiles will pave the same, supposing the Floor to be paved with either of the Sorts mentioned in the Table, or with Bricks, Lumps, &c. laid flat or edge-ways?

FIRST, Multiply 9 Foot the Breadth of the Floor, by 20 Foot the Length, and the Product will be 180 Foot, the superficial Content thereof.

SECONDLY, Seek the first Column of the Table under superficial Feet for 180 Feet, right against which, across the Table, under 6 Inch Tiles is 720, under 8 Inch Tiles 420, under 9 Inch Tiles 320, under 10 Inch Tiles 260, under 12 Inch Tiles 180, under Bricks or Lumps laid flat 640, under Bricks laid edge-ways 1280, and under Dutch Clinckers 1800; and so many are required of each Sort to lay the Floor proposed.

NOTE, That if the Number of superficial Feet contained in any Floor be not to be found in the Table, seek the next nearest Number that is less than the Number you look for, and Note the Tiles, or Bricks, &c. or whatever you require to that nearest Number, and the remaining Feet, are so many Ninths of the first Number under the same Title in the first Page.

Example 2.

Suppose a Floor 30 Foot long, and 20 wide, and it is required to know how many Bricks or Lumps laid flat, will pave the same?

Multiply

Multiply 30 by 20, and the Product is 600, the superficial Content; and the next nearest Number in the Table that is less than 600, in the first Column, is 594, right against which, under the Title of Bricks and Lumps laid flat, is 2112; then subtract 594 from 600, and the Remainder is 6, and 6 Ninths of 32, the first Number under the same Title in the first Page of the Table, is about equal to 21, the Number of Bricks more to add to 2112, which in the whole is 2133, the Number of Bricks required; and the same Rule is to be observed in any other Case of the like Nature.

But as some Persons may not know how to find the Value of the remaining Number, as in the above Case, I will here shew how it is to be done, by giving an Example in the above Case.

Example 3.

What's the Value of $\frac{6}{9}$ of 32?

RULE. Multiply 32 by 6 the Numerator of the Fraction, and divide the Product by 9 the Denominator, and the Quotient is the Answer.

OPERATION.

$$\begin{array}{r} \frac{6}{9} \quad 32 \\ 6 \end{array}$$

$$9)192(21 \text{ Answer as above.}$$

18

12

9

3 The Remainder is equal to one third of a Brick, but it is not worth regarding.

S E C T XI.

Of S M I T H S W O R K.

	l.	s.	d.
1. C Himney Bars at per lb. in London, from 3d. to	0	0	4
2. Common plain Iron Railing, per Pound,	0	0	4
3. Ditto with Pilasters, per Pound,	0	0	6
4. Crofs Window Bars, filed; and Work of the like } Nature, per Pound, 4d. $\frac{1}{2}$ or	0	0	6
5. Iron Doors and Shutters, at per Pound, 10d. or	0	1	0
6. Ash Grates and Casements, at per Pound,	0	0	7
7. All hammered Work, as Stays, upright Window Bars, Iron Fenders, Shutter Bars, Pump-Works, Bolts, Saddle Bars, Cramps, Holdfasts, Wall-Hooks, Gud- gions, &c. in London, from 3d. $\frac{1}{2}$ per Pound, to 4d. or	0	0	4 $\frac{1}{2}$
8. Pins, Hoops, Chains, Hooks, &c. to Stable Bails, per Pound, 4d. or	0	0	4 $\frac{1}{2}$

I shall now proceed to the Prices of Nails, Locks, and Hinges, as they are sold by the Wholesale Smiths and Ironmongers, either to Workmen or Gentlemen, who take them in such Quantities as they are here set down (viz. some in single and some in Dozens, &c.) for those Retailers or Shopkeepers who buy them of these large Dealers to sell again, have them for less than I have set down, viz. at the Retailers Price.

Nails are of many Sorts, and of several of those Sorts there are a great Variety.

The Wholesale Dealers in Nails have found it necessary to distinguish them into General and Special; but FIRST of what they understand of General Nails.

Under the General Sorts of Nails, they comprehend, 1. Brads, 2. Hobbs, and 3. Nails.

1. Brads are of three Denominations, viz. Bill Brads, Plain Brads, and Gunner-Brads.

2. Hobbs, of which there are five Denominations, viz. Clasp-Hobbs, Dye-Hobbs, Rose-Hobbs, Skider-Hobbs, and Thick-Hobbs.

3. Nails, of which there are thirteen Varieties, viz. Deck-Nails, Flat-Head Nails, Flat-Point Nails, Draw-Nails, Lead-Nails, Rose-Nails, Scupper-Nails, Sharp-Nails, Middle-Nails, Square-Nails, Prigg-Nails, Spike-Nails, and Weight-Nails.

All the above Sorts of Nails, which are known by the Name of General Nails, are sold by the Thousand, and including them all, they are from 8d. to 12d. per Thousand, according to their Weight, as in the following Table.

NOTE, a Thousand of Nails is 1200, there being 120 to the Hundred.

Table I.

Table I.

Of the Weight and Price of General Nails per Thousand.

Weight		Price		Weight		Price	
per Th.		per Th.		p. Th.	per Th.		
lb. Oz.	s. d.	lb. Oz.	s. d.	lb. Oz.	s. d.	lb. Oz.	s. d.
0 2 $\frac{1}{4}$	0 8	6 8	2 8	0 8	0 8 $\frac{1}{2}$	2 12	1 9
0 5	0 8	6 12	2 8 $\frac{1}{2}$	0 14	0 11	2 14	1 10
0 6	0 8 $\frac{1}{2}$	7 0	2 9 $\frac{1}{2}$	1 0	0 11 $\frac{1}{2}$	3 0	1 11
0 8	0 9	7 8	2 10 $\frac{1}{2}$	1 12	1 3	4 0	2 4
0 9	0 9 $\frac{1}{2}$	8 0	3 0	1 14	1 3 $\frac{1}{2}$	5 0	2 10
0 10	0 10	9 0	3 3	2 0	1 4		
0 14	0 10 $\frac{1}{4}$	10 0	3 7				
0 15	0 10 $\frac{3}{4}$	11 0	3 10				
1 0	0 11	12 0	4 1				
1 6	1 0 $\frac{1}{2}$	13 0	4 6				
1 8	1 1	14 0	4 9				
1 12	1 1 $\frac{1}{2}$	15 0	5 0				
1 14	1 2	16 0	5 3				
2 0	1 2 $\frac{1}{2}$	17 0	5 6				
2 8	1 4 $\frac{1}{2}$	18 0	5 10				
2 12	1 6	9 0	6 2				
2 14	1 6 $\frac{1}{2}$	20 0	6 5				
3 0	1 7	21 0	6 8				
3 8	1 8 $\frac{1}{2}$	22 0	6 10				
3 12	1 9 $\frac{1}{2}$	23 0	7 3				
4 0	1 10	24 0	7 6				
4 4	1 11	26 0	8 2				
4 8	2 0	28 0	8 10				
4 12	2 1	30 0	9 2				
5 0	2 2 $\frac{1}{2}$	32 0	9 6				
5 4	2 3	36 0	11 0				
5 8	2 4	40 0	12 0				
6 0	2 6						

Table II.

Of Nails, viz. Flat-pointed, Strong or Draw'd.

The Name.		Price per Hun. W.		The Name.		Price per Hun. w.	
s. d.	l. s. d.	s. d.	l. s. d.	s. d.	l. s. d.	s. d.	l. s. d.
2 0	1 11 0	4 0	1 9 0				
2 6	1 10 0	5 0	1 9 0				
3 4	1 9 0	6 0	1 9 0				

Weight Nails at 28s. per Hundred Weight.

Here ends those Nails which are known by General Sorts of Nails.

Table III.

Of the Weight and Price of Special Sorts of Nails per Thousand.

Weight		Price		Weight		Price	
per Th.		per Th.		per Th.		per Th.	
lb. Oz.	s. d.	lb. Oz.	s. d.	lb. Oz.	s. d.	lb. Oz.	s. d.
0 8	0 8 $\frac{1}{2}$	2 12	1 9				
0 14	0 11	2 14	1 10				
1 0	0 11 $\frac{1}{2}$	3 0	1 11				
1 12	1 3	4 0	2 4				
1 14	1 3 $\frac{1}{2}$	5 0	2 10				
2 0	1 4						

Table IV.

Of the Weight and Price of Clout-Nails and Brads per Thousand.

Weight		Price.	
lb. Oz.	s. d.	lb. Oz.	s. d.
Clout-Nails	{ 4 8	2 1 $\frac{1}{2}$	
	{ 7 0	2 10	
Clout Brads	9 0	3 6	

Table V.

Of the Weight and Price of Dogg-Nails per Thousand.

Weight.		Price.	
per Thousand.		per Thousand.	
lb. Oz.	s. d.	lb. Oz.	s. d.
9 0	3 9		
12 0	4 9		
16 0	6 0		

N. B. There are larger Dogg-Nails, viz. from 20lb. to 120lb. per Thousand, and are all sold at 4d. and 4d. $\frac{1}{2}$ per Pound.

Table VI.

Jobent Nails.

Their Weight and Price per Thousand.

Weight.		Price.	
per Thousand.		per Thousand.	
lb. Oz.	s. d.	lb. Oz.	s. d.
0 14	0 10 $\frac{1}{2}$		
1 0	0 11 $\frac{1}{2}$		
1 14	1 2 $\frac{1}{2}$		
2 0	1 3		
3 1	1 7		

Table

Table VII.

Round-Head-Nails.

Their Weight and Price per
Thousand.

Weight per Th.	Price per Th.	Weight per Th.	Price per Th.
lb. Oz.	s. d.	lb. Oz.	s. d.
0 13	0 11 $\frac{1}{2}$	5 0	2 9
1 0	1 0 $\frac{3}{4}$	7 0	3 3
1 10	1 3	10 0	4 4
2 0	1 4 $\frac{1}{2}$	13 0	5 6
3 4	1 11		

Table VIII.

Pound-Nails.

Their Names and Price per Hun-
dred Weight.

The Name.	Price per Hun. Wt.	The Name.	Price per Hun. Wt.
lb. l. s. d.	lb. l. s. d.	lb. l. s. d.	lb. l. s. d.
14	1 15 0	44	1 13 0
20	1 15 0	54	1 12 0
34	1 15 0		

Cart-Nails are from five to eight Inches long, and are sold at 30s. per Hundred Weight.

Ribbing Nails are from five to ten Inches long, and are sold at 27s. per Hundred Weight.

Timber-Nails are from six to sixteen Inches long, and are sold at 30s. per Hundred Weight.

Table IX.

Tenter Hooks.

Their Weight and Price per
Thousand.

Weight per Th.	Price per Th.	Weight per Th.	Price per Th.
lb. Oz.	s. d.	lb. Oz.	s. d.
1 0	1 3	10 0	4 6
1 8	1 6	19 0	7 0
3 8	2 2	40 0	16 0
5 8	3 0		

Table X.

Glaziers Spriggs.

Their Weight and Price per
Thousand.

Weight per Thousand.	Price per Thousand.
lb. Oz.	s. d.
0 3	0 7 $\frac{1}{2}$
0 14	0 8
1 0	0 8 $\frac{3}{4}$

Table XI.

Joiners Rivets.

Their Lengths, and Price per
Pound.

Names.	Price per Pound.
	s. d.
1 Inch	— 0 4 $\frac{3}{4}$
1 Half Inch	— 0 4 $\frac{1}{2}$
2 Inch	— 0 4 $\frac{1}{4}$
3 Inch	— 0 4 $\frac{1}{4}$
4 Inch	— 0 4

Table XII.

Casements and Curtain-Hooks.

Their Price per Grofs, and what
they weigh per Thousand.

	Weight per Th.	Price per Gr.
	lb. Oz.	s. d.
Casement-Hooks	53 0	2 9
	70 0	3 6
Curtain-Hooks	21 0	1 0

Wood-Screws.

Of Wood-Screws there are thirty-one Sizes, which are sold from 1s. 6d. to 36s. per Grofs.

Table XIII.

I-L Hinges, the best Sort, their
Length and Price per Pair.

Size.	Price per Pair.
	s. d.
6 Inches	— 0 9
7 Inches	— 0 10
8 Inches	— 1 1
9 Inches	— 1 2
10 Inches	— 1 6
11 Inches	

		s. d.
11 Inches	—	2 0
12 Inches	—	2 9

N. B. There are larger Sizes, which are sold at 10d. per lb.

I-L Hinges with rising Joints are sold per Pair,

Size.		s. d.
7 Inches	—	1 3
8 Inches	—	1 5
9 Inches	—	1 10
10 Inches	—	2 2
11 Inches	—	3 0
12 Inches	—	4 0

N. B. These are larger Sizes which are sold at 10d. per Pound.

Table XIV. Pew Hinges.
Their Size, and Price per Dozen.

Size		s. d.
6 Inches	—	9 6
7 Inches	—	13 0
8 Inches	—	17 0
9 Inches	—	21 0
10 Inches	—	26 0

Table XV. Shutter Hinges.
Their Size and Price per Dozen.

Size.		s. d.
6 Inches	—	7 3
7 Inches	—	10 6
8 Inches	—	12 0
9 Inches	—	16 6

Table XVI. Side Hinges.
Their Size, and Price per Dozen.

Size		s. d.
5 Inches	—	4 9
6 Inches	—	6 0
7 Inches	—	8 6
8 Inches	—	10 6
9 Inches	—	12 0
10 Inches	—	13 6

Table XVII.

Dove-Tail'd Hinges.

The best, their Size and Price per Pair.

Size.		Price pr Pair.
		s. d.
3 Inches	—	3 0
3 ½ Inches	—	4 0
4 Inches	—	4 6
4 ½ Inches	—	5 0
5 Inches	—	5 9

Black Hinges, Chest Hinges, Chest Hasps, Hooks, and Hinges, Scuttle Hinges, and Strap Hinges, are sold by the Dozen, from 3s. 6d. to 11s. per Dozen.

Cross Garnet Hinges, with rising Joints, are sold by the Dozen, from 6s. 6d. to 15s. 6d. per Dozen.

Cross Garnet Hinges, with filed Joints, are sold at 37s. 6d. per Hundred Weight.

Cross Garnet and Scuttle Hinges that are weighty, are sold at 32s. 6d. per Hundred Weight: But if more than twenty-five Pair to the Hundred Weight, then at 12d. per Hundred more.

Hinges with Hooks, are sold at 30s. per Hundred Weight.

N. B. Sometimes they have Stay-Hooks, and then they are 2s. per Hundred more.

Hold Fast and Wall Hooks are sold at 33s. per Hundred Weight.

Ditto for Joiners are sold at 4½ per Pound.

Hooks and Eyes for Gates, are sold at 3d. ½ or 3d. ¾ per Pound.

The cheaper Sort of Hinges, as Lancashire Hinges, Balcony Hinges, Chest Hinges, Dove-tail'd Hinges, Cross Garnet Hinges, Shutter Hinges, Side Hinges, Pew Hinges, Box Hinges, and Bed Hinges,

Hinges, are sold by the Dozen, from 1s. to 30s. per Dozen.

Smooth filed Hinges, viz. Balcony Hinges, Box Hinges, Chest Hinges, Clock Case Hinges, Pew Hinges, Shutter Hinges, Side Hinges, and Tumblers, are sold by the Dozen, from 1s. 6d. to 42s. per Dozen.

Some smooth filed Hinges, are sold by the Pair, from 4s. to 7s. per Pair.

LATCHES.

Of these there are several Sorts, viz. Long-tinn'd Latches, varnish'd Latches, Spring and Thumb Latches, with Brass Knob and rimmed Latches.

Long-tinned Latches.

Of these there are several Sorts, and are sold from 2s. 3d to 7s. per Dozen.

Varnished Latches are sold by the Dozen, of which there are five Sorts, and are sold from 2s. 6d. to 8s. per Dozen.

Spring and Thumb Latches are sold by the Dozen, of which there are nine Sorts, and are sold from 3s. 6d. to 14s. per Dozen.

Brass Knob Latches are sold by the Dozen of which there are three Sorts, and are sold from 14s. to 18s. per Dozen.

Rimmed Latches.

Of these there are sundry Sorts, viz. Iron cased, Brass cased, and some sliding cased; and some not cased; and are sold single from 1s. 9d. to 16s. per Piece.

BOLTS.

There are several Sorts of Bolts, viz. Balcony Bolts, Spring Bolts, Sash Bolts and Shutter Bolts. Some Balcony Bolts are sold by the Doz. and some by the Pair. There are ten Sorts of those which are sold by the Dozen, from 6s to 28s. per Dozen.

Balcony Bolts sold by the Pair.

Of these there are eight Sorts, and are sold from 3s. to 12s. per Pair.

Spring and Sash Bolts are sold by the Dozen, of which there are fifteen Sorts, and are sold from 1s. 6d. to 18s. per Dozen.

Shutter Bolts are sold by the Dozen, of which there are five Sorts, and are sold from 10s. to 18s. per Dozen.

LOCKS.

The different Sorts of Locks are almost innumerable, as it respects the making and contriving their Wards and Guards, &c. a particular Account of which would fill up a small Treatise of itself, and when done could be but of little Service to the Reader: for by Reason of the many Sorts, and the great Variety of each of them, and which differ as much in their Prices as in their Make, it would be impossible, even for the most discerning, to understand from the best verbal Description that could be given of them, so as to distinguish between one and the other of the same Sort; and therefore I shall wholly omit it, and proceed to Section xii. of Thatchers Work.

SECT.

S E C T. XII.

OF THATCHERS WORK.

THATCHERS Work is done by the Square of 100 superficial Feet.

- | | | | |
|------------------------------------------------------|---|----|---|
| 1. Thatching, Work, and all Materials, at per Square | 0 | 10 | 6 |
| 2. Ditto Workmanship only, per Square, — | 0 | 4 | 0 |

3. N. B. To a Square of Thatching there is required two thirds of a Load of Straw, one Bundle of Laths, forty Withs, or a Pound of Rope-Yarn, forty Thatching Rods, and two hundred of Nails.

S E C T. XIII.

Of the customary Way of taking Dimensions, and measuring the several Artificers Works concerned in Building.

AS there are several Sorts of Work in Building, which require the Dimensions to be taken in Feet and Inches, for finding the superficial, or solid Content thereof, before I proceed to treat of the measuring the several Artificers Works concerned in Building, I think it will not be amiss if I shew, First, how to multiply Feet and Inches by Feet and Inches duodecimally, vulgarly called Crofs Multiplication. For the better understanding of which, observe the following Rules :

1. That if Feet are multiplied by Feet, the Product is Feet.
2. If Inches are multiplied into Feet, every 12 of the Product is one Foot, and any Number less than 12, is Inches.
3. If Inches are multiplied into Inches, every 12 of the Product is one Inch, and any Number less than 12, are Parts of an Inch.
4. If Parts of an Inch are multiplied by Feet, every 12 of the Product is one Inch, and any Number less than 12, are Parts of an Inch.

I

5. If

5. If Parts of an Inch are multiplied by Inches, every 12 of the Product is one Part, and any Number less than 12, are Seconds.

6. If Parts of an Inch are multiplied by Parts, every 12 of the Product is one Second, and any Number less than 12 are Thirds.

NOTE, For the ready finding the Twelves in any Product, it is best to make a Table of Twelves, and to get it perfectly by Heart, as follows :

2	} times 12 is	24	} times 12 is	84	} times 12 is	144
3		36		96		156
4		48		108		168
5		60		120		180
6		72		132		192

To proceed.

C A S E I.

To multiply Feet, Inches, and Parts, by Parts.

R U L E.

FIRST, Place a Cypher under the last Place of the Multiplicand, instead of an Integer, and also another Cypher in the Place of Inches, and then the Parts next following to the Right Hand.

SECONDLY, Multiply the Parts of the Multiplier in the Multiplicand, carrying 1 for every 12.

Example I.

Multiply 7 Foot, 6 Inches and a Half, by an Half Inch, or 6 Parts.

NOTE, That for a Quarter of an Inch you must set down 3, for Half 6, and for three Quarters 9; those Numbers being the Quarter, Half, and three Quarters of 12.

O P E R A T I O N.

F. I. P.

6 Times 6 is 36, the Twelves in 36 is 3 times 7 6 6
and nothing remains, therefore set down 0 and carry 3; 0 0 6
and 6 Times 6 is 36, and 3 I carry, is 39, set down 3; ———
and carry 3; then 6 Times 7 is 42, and 3 I carry, 3 9 3 0
is

is 45, the Twelves in 45 is 3 Times, and 9 remains. Now as the whole Multiplication is ended, set down the 9 that remains, under the Parts, and 3 under Inches, the Number of Twelves in 45, and the whole Product is 3 Inches, 9 Parts, and 3 Thirds.

C A S E II.

To multiply Feet, Inches, and Parts, by Inches and Parts.

R U L E.

FIRST, Place a Cypher under the last Place of the Multiplicand, instead of an Integer, and the Inches and Parts in their Places towards the Right Hand.

SECONDLY, Multiply the Parts into the Parts, Inches, and Feet, and carry one for every 12.

THIRDLY, Multiply the Inches into the Parts, Inches, and Feet, in the same Manner, and in adding the Products, carry 1 for every 12, from one Denomination to the other, and the Sum will be the Product required.

Example 2.

Multiply 15 Foot, 7 Inches, and 3 Parts, by 9 Inches, 4 Parts.

O P E R A T I O N.

FIRST, 4 Times 3 is 12, that is 0 and carry 1; 4 Times 7 is 28, and 1 I carry is 29, set down 5 and carry 2; 4 Times 15 is 60, and 2 I carry is 62, set down 2 and carry 5, which set under the next Denomination.

SECONDLY, 9 Times 3 is 27, that is 3 and carry 2; 9 Times 7 is 63, and 2 I carry is 65, set down 5 and carry 5; 9 Times 15 is 135, and 5 I carry is 140, the Twelves in 140, is 11, and there remains 8; set down the 8 under the Inches, and 11 under the Feet, and then add the two Products together, and the Sum will be 12 Feet, 1 Inch, 7 Parts, and 8 Thirds, the Product required.

F. I. P.

15	7	3		
		0	9	4
<hr/>				
	5	2	5	0
11	8	5	3	
<hr/>				
12	1	7	8	0
<hr/>				

C A S E III.

To multiply Feet, Inches and Parts, by Feet, Inches and Parts, when the Feet of the Multiplicand and Multiplier do not exceed 20.

R U L E.

FIRST, Place the Feet of the Multiplier under the Feet of the Multiplicand, and the Inches and Parts in their Places to the Right Hand.

SECONDLY, Multiply the Feet, Inches and Parts of the Multiplier, each separately into the Parts, Inches, and Feet of the Multiplicand, as before in the preceding Rules; and their several Products being added, will be the true Product required.

Example 3.

Multiply 12 Feet, 9 Inches, and 5 Parts, by 9 Feet, 10 Inches, and 2 Parts.

O P E R A T I O N.

FIRST, 2 Times 5 is 10, set down 10, and carry 0; 2 Times 9 is 18, set down 6 and carry 1; 2 Times 12 is 24, and 1 carried is 25, set down 1 and carry 2, which set down

SECONDLY, 10 Times 5 is 50, that is 2 and carry 4; 10 Times 9 is 90, and 4 carried, is 94, set down 10 and carry 7; 10 Times 12 is 120, and 7 carried is 127, the Twelves in 127, is 10; and 7 remains, which set down.

THIRDLY, 9 Times 5 is 45, that is 9 and carry 3; 9 Times 9 is 81, and 3 is 84, which contains 12 7 Times, and 0 remains, set down 0, and carry 7; 9 Times 12 is 108, and 7 carried is 115, which being the last Figure to multiply, set down the whole Product, and lastly add the three Products together, and their Sum will be 125 Feet, 10 Inches, 8 Seconds, 8 Thirds, and 10 Fourths.

Having by this Time, I hope, sufficiently instructed the Reader in the Multiplication of Feet and Inches, by Feet and Inches, I shall in the next Place proceed as I proposed, to the measuring the several Artificers Works concerned in Building. And,

I. Of

F. I. P.				
12	9	5		
		9	10	2
<hr/>				
		2	0	6 10
10	7	10	2	
115	0	9		
<hr/>				
125	10	8	8	10

I. Of Carpenters Work, &c. to measure.

The Work done by Carpenters, are chiefly Framing of Houses, Barns, Stables, Floors, Partitions, Roofs, &c. making of Doors, Windows, Stair-Cases, Cornishes, Frontispieces, Modillion Cornishes, Cove Eaves, and Boarded Floors of all Sorts, Weather-Boarding, and Boarded and Cleft Pale Fencing.

1. To measure the Body of a Timber Building, viz. of a House, Barn or Stable, &c.

This Sort of Work is done by the Square, containing 100 superficial Feet. In measuring the outside Carcase of a House, &c. take the Length of one Side, and one End, and add them together, and their Sum multiplied into the Height taken from the upper Side of the Cell, to the upper Side of the Rafting, gives the Content of one Side and one End; which being doubled, is the Content of the whole Body, or outside Carcase of the Building, in Feet.

To bring the Content found into Squares, divide the Product by 100, or cut off from the Product two Figures to the Right Hand, and the remaining Figures are so many Squares, and the Figures cut off, are Feet.

Example 4.

Suppose a House, &c. 40 Feet long, 20 Feet wide; and 20 Feet high, how many Square of Framing is contained in the Body or outside Carcase of the said House, &c.

O P E R A T I O N.

Add 20 Feet the Breadth, to 40 Feet the Length, and the Sum is 60, which multiply by 20 Feet the Height, the Product is 1200, the Content of one Side and one End; which being double, or multiplied by 2, gives 2400 Feet for the Content of the whole Body or outside Carcase, in Feet: From which, if you cut off 2 Figures to the Right Hand; there remains 24, the Number of Squares required.

Feet.
40 Length.
20 Breadth.
—
60 The Sum.
20 Height.
—
1200
2 Multiply.
—
24,00 Content in Feet.

NOTE, That in Framing there is no Deductions to be made for Doors, Windows, &c. in the measuring.

2. OF ROOFS. This Sort of Work is also done by the Square of 10 Feet squared, or 100 superficial Feet, the Particulars to be observed in measuring of which, is, that let the Roof be true Pitch or not, and the Ends thereof gable or hipped, they may be either of them measured by this general Rule, viz. Multiply the Length of the Building by the Length of the Rafter, and twice that Product is the Content in Feet.

Example 5.

In the aforefaid Building of 40 Feet long, by 20 Feet wide, admit the Roof to the true Pitch, viz. the Length of the Rafter equal to $\frac{5}{4}$ of the Breadth of the Building, or 15 Feet.

OPERATION.

	Feet.
	40 Length of Building.
	15 Rafter's Length.
Multiply 40 Feet the Length of the Building, by 15 Feet the Length of the Rafter, and the Product is 600 Feet, the Content of one Side; which doubled, or multiplied by 2, the Product is 1200 Feet, or 12 Square, the Content of the whole Roof.	<hr/> 200 40 <hr/> 600 Content of one Side 2 <hr/> 12,00 Content of whole.

3. To measure the Gable End of a House, &c. observe this Rule, Multiply the Perpendicular by Half the Base or Breadth of the Building, or the whole Base by Half the Perpendicular, and the Product is the Content.

In the Gable End of the above-mentioned Roof, the Perpendicular is 11 Feet 2 Inches near, and the Base 20 Feet, what is the Content?

OPERATION.

	Feet.
	20. 0 Base.
	5 7 Half Perpendicular.
Multiply 20 Feet, the whole Base, by 5 Feet 7 Inches, Half the Perpendicular, and the Product is 111 Feet, 8 Inches, which is 1 Square, 11 Feet, 8 Inches, the Content required.	<hr/> 11 8 100 0 <hr/> 111 8 Content.

4 NOTE,

4 NOTE, That the same Rule will hold good for measuring the Hip End of a Roof, by observing that the Length of the Rafter in this Case is the Perpendicular.

N. B. The Rafters, Feet, and Eaves-board, are measured at per Foot, running.

5. Of FLOORS. In naked Flooring allow 9 or 10 Inches for the Length of the Joist laid into the Wall, or measure to the Extremity of the Joist, and from thence compute the Squares contained therein.

6. In boarded Flooring you must take your Dimensions to the very extreme Parts, and from thence compute the Squares, out of which you must Deductions for Stair-Cases, Chimneys, &c.

7. Weather-Boarding is done by the Yard Square, and sometimes by the Square, containing 100 superficial Feet.

8. Framed Partitions. The Particulars to be observed therein, is only that they are measured by the Square.

9. Boarded Partitions are also measured by the Square, out of which, you must deduct the Doors and Widows contained therein, except they are agreed to be included.

10. Of WINDOWS. Windows are generally made and valued by the Foot, superficial Measure, and sometimes by the Window. When they are measured, the Dimensions must be taken in Feet and Inches, from the under Side of the Cell, to the upper Side of the Cap-Piece, for the Height; and for the Breadth, from Outside to Outside of the Jaumbs, and the Product of the Multiplication is the superficial Content.

11. STAIR-CASES are measured by the Foot, superficial, and the Dimensions are taken with a String, girt over the Rafter and Tread, and that Length or Girt, multiplied by the Length of the Step, the Product is the superficial Content.

12. DOOR-CASES are measured by the Foot, superficial, and the Dimensions must be taken with a String, girt round the Architrave and Inside of the Jaumbs, for the Breadth; and for the Length, add the Length of the two Jaumbs to the Length of the Cap-Piece, taking the Breadth of the Opening for the Length thereof, and the Product of their Multiplication is the superficial Content.

13. 14. FRAME-DOORS and Window Shutters likewise in most Part of the Country are generally measured by the Foot superficial, and a Price set according to the Thickness of the Stuff and Goodness of the Work.

15. MODILLION CORNISHES, COVES, &c. are general measured and valued by the Foot superficial. Their Dimensions in respect to the Breadth or Height, is taken with a String, girt into the Mouldings, and those Dimensions, multiplied by the Length, is the superficial Content.

64 OF CARPENTERS WORK.

16. FENCING of all Sorts is done by the Rod, Lineal Measure, containing sixteen Feet and a Half.

17. WAINSCOTING, or JOYNER'S Work. WAINSCOTING is measured by the Yard Square, and their Dimensions are taken in Feet and Inches. Thus, by a Line, or a String, from the Foot of the Cornice, and over the Mouldings of the Framing of the Wainscot, and raising of the Pannels down to the Floor, for the Height, and the Circumference of the Room for the Length, deducting the Doors and opening of the Window and Chimney-piece, and Window Shutters, Sophetas, &c. which are measured by themselves in most part of the Country by the Foot superficial, as I observed before, and a Price accordingly.

Likewise all Cornices of Rooms, base and sub-base Architraves, &c. are measured by the Foot superficial, and paid for extra.

18. FRONTISPIECES are measured and valued by the Foot superficial, and every Part thereof measured separately, viz. the Architrave, Frieze, and Cornish, each of them by themselves, also the Pilasters or Columns by themselves, and lastly, add all the several Measurements together, and the Product is the Content of the whole.

NOTE, That in taking the Dimensions you must girt the Mouldings with a Strings.

II. Of Bricklayers Work to measure.

The principal Work in a Building done by Bricklayers, are Walling, Tiling, Rough-Casting, &c.

1. OF BRICK WALLS. What is to be observed therein, is that the Measure, by which Brick Work is measured, is a Square Rod, or sixteen Feet and a Half squared, whose Product is equal to 272 Feet and a Quarter, the Content of one Rod of Brick-Work at the Statute Thickness of one Brick and a Half: And if the Wall is more or less than that Thickness, it must be reduced thereto by this RULE: Multiply the Number of Feet contained in the superficial Content of the Wall, by the Number of Half Bricks that the Wall is in Thickness, and divide the Product by 3, and the Quotient is the true Content required.

NOTE, That although there be 272 Feet and a Quarter in a Rod of Brick-Work, at the Standard Thickness, yet Workmen in measuring of Brick-Work always reject the Quarter, and divide by 272 only.

Example

Example I.

How many Rod of Brick-Work is contained in a Wal' 40 Feet long, 8 Feet high, and 2 Bricks thick ?

Length Feet.
Height 40
 8

Half Bricks 320
 4

Feet in the superficial Content of the Wall.

3)1280(426
 8
 6
 —
 20
 18
 —
 2

Feet $\frac{2}{3}$ the superficial Content reduced; which to bring into Rods, divide the 426 Feet by 272, and the Quotient will be Rods; and if the Remainder be divided by 68, the Feet contained in a Quarter of a Rod, the Quotient will be Quarters, and the last Remainder Feet.

272)426(1 Rod.
 272

NOTE, That the $\frac{2}{3}$ remaining in the first Work is equal to 8 Inches.

68)154(2 Quarters.
 136
 —
 18 Feet.

The whole reduced Content of a Piece of Brick-Work 40 Feet long, 8 Feet high, and 2 Bricks thick, is 1 Rod, 2 Quarters, 18 Feet, 8 Inches, as required.

It is needless to give any more Examples of this Kind, so long as I have in Sect. I. Page 5, given a Table for the reducing of Brick-Work to the Statute Thickness, or by only multiplying the Length and Height of the Brick-Work together, and seeking the Product in the Table, you have the true Content according to the Thickness.

When you measure Brick-Work, observe to measure every Thickness by itself, and that you make every Deduction out of its proper Thickness. Also that when you measure two Walls that constitute an Angle, the Length of one must be taken to the Outside, and the other to the Inside.

2. CHIMNIES must be measured and valued as solid Wall, out of which deduct the Vacancy between the Jaumbs and the Mantle, the Funnels are allowed solid, in regard to the Trouble of them, and the Pargetting the Inside. This of Square Chimnies.

66 OF BRICKLAYERS WORK.

3. ANGLE CHIMNIES, such as stand in a Square Corner, and are equal each Way from the Corner, observe this R U L E: Multiply Half the Breadth of the Breast or Front, by the Height of the Story, and that Product by the Number of Half Bricks contained in the Inches of the Half Breadth of the Breast or Front, and divide this last Product by 3, and the Quotient will be the true reduced Content in Feet, out of which must be deducted the Vacancy as in Square Chimnies; or you may find the Content thereof by the Table in Sect. I. for that Purpose, by seeking therein the Product of the Multiplication of the Height of the Story, and Half Front, and according to the Number of Half Bricks in the Thickness of the Inches in that Half Front.

4. If the Chimney do not stand equal from the Corner of the Room on both Sides, or the Corner be not square, it is usual to lay out the Angle parallel to the Walls, and take one Side of the Angle and multiply by the Height of the Story, and Half the other Side of the Angle for the Thickness; then proceed in every Respect as before directed, and it will give the true reduced Content required.

Remember to measure the Trimmers that support the Hearths, taking the Length by the Girt of the arching of them, accounting them half a Brick thick, so that if they are 6 Feet long, and 1 Foot 6 Inches Girt, there is 3 Feet of reduced Brick-Work therein.

Example 2.

Suppose a Chimney that stands in the Corner or Angle of a Square Room, be 7 Feet in Front, and the Height of the Story 9 Feet 6 Inches, and the Opening 3 Feet Square, and 18 Inches deep, how many Feet of reduced Brick-Work is contained therein?

Feet. Inches.			Feet.	
9 6	Height of the Story.		3 }	The Opening.
3 6	Half the Front.		3 }	
<hr/>			<hr/>	
4 9 0			9	
28 6			4	Half Bricks deep.
<hr/>			<hr/>	
33 3 0			3)36(12 reduc'd Feet in	
9	Half Bricks in 3 Feet 6 Inches			the Opening to
<hr/>			6	be deducted.
	or Half the Length of the Front.		<hr/>	
3)299 3 0(99 1 Quotient.			0	
27			Ft. Inches.	
<hr/>			99 9	The reduced Con-
29				tent of the Chimney.
27			12 0	Opening to deduct.
<hr/>			<hr/>	
2 Equal to 8 Inches.			87 9	Remains, the Con-
				tent required.

By

By the above Operation, it appears there are 99 Feet, 9 Inches of reduced Brick-Work in the Chimney, for there being 99 Feet 1 Inch in the Quotient, the 2 that remains is equal to 8 Inches, being two Thirds of the Divisor, which added to the 99 Feet. 1 Inch, makes it 99 Feet 9 Inches in the whole; from which, if you subtract 12 Feet the Content of the Opening, there remains 87 Feet 9 Inches Near Brick-Work, for the Content required.

5. Besides this rough Brick-Work, there is another Kind of Walling performed by Foot Measure, and such is Facios, Arches, Over-Doors, Windows, &c. Architraves, Friezes, Cornices, Rusticks, Returns, &c. Piers, Columns, Pillasters, &c.

6. TILING. Tiling is measured by the Square of 10 Feet as Carpenters measure their Roofs. You must observe in taking Dimensions of Tiling, that you measure the whole Length, that is, as far as the Tiles are laid, for your Length, and take from the Ridge to the Eaves for your Breadth, and thereby you will have the true Content required. When many Hips and Vallies happen in a Roof, every Foot, running, must be added to the Measure as square Feet.

NOTE, Observe to deduct the Chimnies out of the Tiling.

7. THATCHING is a Work performed by the Square, and is measured the same as Tiling.

8. Besides all the above Works, there comes to the Bricklayers Hands, the Paving of Kitchens, Cellars, &c. with Brick or Pavements, which Work is measured by the Yard square, containing 9 square Feet. See Table in Page 48.

III. Of Plaisterers Work to measure.

Rough-Casting, Plaistering, Cielings, &c. are done by the Yard square, and the Dimensions taken in Feet and Inches,

The principal Things to be observed in measuring of which, are as follows:

1. To make Deductions for Chimnies, Windows, and Doors.
2. To make no Deductions for rendering upon Brick-Work, for Doors and Windows, by reason the Jaumbs and Heads generally exceed the Vacancies.
3. If the Workmen find Materials for rendering between Quarters, you must deduct one Fifth for Quarters, Bases, &c. but if Workmanship only is found, you must measure the whole as whole Work, for the Workman could have performed the whole much sooner, if there had been no Quarters there.

4. That such Summers and Girders as lie below a Cieling, be deducted, if the Workmen find Materials, otherwise not.

5. In measuring of whitening and colouring between Quartering, there must be a fourth Part allowed extraordinary for the Returns of the Quarters, or take the Length with a String, and so girt the Quarters, which is the truest Way.

IV. *Of Masons Work, to measure.*

1. Masons Work, which is measured by Foot Measure, either Lineal, Square, or Cubical. The principal Thing to be observed herein, is, that they girt all their Mouldings as Joiners do, and take their Dimensions in Feet, Inches, and Parts.

The Solids are Blocks of Stone, Marble, or any Kind of Stone Columns, Cornishes, &c. The Superficies are Pavements, Slabs, Chimney-pieces, and the like. It is to be observed, that Masons first measure the Cube of the Stone, and then Superficial Plain-Work, also Superficial moulded Work (if any) as follows :

FIRST, They account all such Stones as are above 2 Inches thick, at so much per Foot, solid Measure, and for the Workmanship they measure the Superficies of the Stone. but then they measure no more of the Stone than what appears without the Wall.

But as their Method of Measuring is not so well understood by many, as some others, it may be proper to give an Example how to measure a Chimney-Piece as a Guide to all others.

FIRST, Then, take the Length of the Mantle or Head Stone, and the Slab (whose Extent is generally the same) for one Sum of the Dimensions, and the Breadth of both add together. with an Inch or more for the under Edge of the Mantle, and Half an Inch (or whatever it is) for the upper Edge, which being all added, is the other Sum of the Dimension.

SECOND, Take the Length of the Jaumbs, or Sides, allowing an Inch longer than is seen (they going in below the Slab) for one Sum and the Breadth of one Girting all that is seen, and double it for the second Sum of the Dimension.

THIRD, If there be Slips and Nosings to the Chimney-Piece, measure the Length by all the Girt that is seen in Breadth, or make the Dimension twice.

FOURTH, Fire-Stone Hearths and Coving Stones must be cast up by themselves, and all that appears in Sight measured.

V. Of Glasiers Work, to measure.

Glasiers Work is measured by the superficial Foot, and the Dimensions are taken in Feet, Inches, and Parts, or by Feet, and the Hundred Parts of a Foot, as their Rules are generally divided: Therefore the Measurer of Glasiers Work should understand Decimals, allowing the Feet as Integers, and the Parts Decimals; so that three Quarters, or 9 Inches, is 75, Half a Foot, or 6 Inches, is 50, and a Quarter, or 3 Inches, 25 of these Parts.

1. Therefore admit a Pane or Light of Glass that's leaded, be 2 Feet 6 Inches long, and 1 Foot 6 Inches wide, they set it down as on their Rules, 250 by 150.

To shew the Agreement between the Decimal and Duodecimal Way of Working, I will give the above Example wrought both Ways, as follows:

By Decimals.

$$\begin{array}{r}
 2,50 \\
 1,50 \\
 \hline
 12,500 \\
 250 \\
 \hline
 3,7500
 \end{array}$$

By Duodecimals.

F. I.

$$\begin{array}{r}
 2 \ 6 \\
 1 \ 6 \\
 \hline
 1 \ 3 \ 0 \\
 2 \ 6 \\
 \hline
 3 \ 9 \ 0
 \end{array}$$

By the above Operation. it appears that the aforesaid Pane of Glass by the Decimal Way of Working, is 3 Feet, 75 Parts, equal to 3 Feet and 3 Quarters: And by the Duodecimals, 3 Feet, 9 Inches, equally the same; for as 75 is three Quarters of 100, so is 9 three Quarters of 12. Should there be several Lights or Panes of the same Bigness, you need measure but one, for multiplying that Product by the Number of Lights, gives the Content of the whole. As for

Example.

Suppose a Sash Window contains 12 Squares, and each Square of Glass 1,25, or 1 Foot 3 Inches long, and 75, or 9 Inches broad, and the Content required.

By

By Decimals.

By Duodecimals.

	1,25
	75
	<hr/>
	625
	875
	<hr/>
No. of Squares	9375
	12
	<hr/>
	18750
	9375
	<hr/>
	11,2500

F.	I.
1	3
	0
	9
	<hr/>
	11
	3
	12
	<hr/>
	11
	3
	0

No. of Squares

The Content of the whole by both Ways, is 11 Feet and $\frac{1}{4}$.

To measure circular or oval Windows, take the same Length and Breadth as their Diameters, as if they had been square Windows, because in cutting out the Quarries of Glafs there is a great waste, and more Time expended therein than if they had been square Windows.

Glazed Sashes are measured generally in the Country, from the Outside, extreme Part of the Glafs, to Outside, both in Height and Width, including the middle Works of the Sashes, and the Height multiplied by the Width, give the Content in superficial Feet.

VI. Of Painters Work to measure.

Painters Work is measured the same as Joiners Work, by the Yard square, (See Page 15) only with this Difference, that instead of accounting the Doors, and Window-Shutters Work and Half, they have double Work, as being painted on both Sides; and they also measure all Edges, &c. where the Brush goes.

1. Sash Frames, Sash Lights, Window Lights, and Casements, are done at per Piece.

2. Modillion, and other outside Cornishes, at per Foot, running.

S E C T. XIV.

Of such Measures as are used in Lands and Buildings.

1. **A** Square Foot is 144 square Inches.
2. A cubical Foot is 1728 cubical Inches.
3. A square Yard is 9 square Feet.
4. A cubical Yard is 27 cubical Feet.
5. A Square is 100 square Feet.
6. A Load of rough Timber is 40 Feet.
7. A Load of squared Timber is 50 Feet.
8. A Load of 1 Inch Plank is 600 square Feet.
9. A Load of $1\frac{1}{2}$ Inch Plank is 400 square Feet.
10. A Load of 2 Inch Plank is 300 square Feet.
11. A Load of $2\frac{1}{2}$ Inch Plank is 240 square Feet.
12. A Load of 3 Inch Plank is 200 square Feet.
13. A Load of $3\frac{1}{2}$ Inch Plank is 170 square Feet.
14. A Load of 4 Inch Plank is 150 square Feet.
15. A Load of Statute Bricks is 500.
16. A Load of Plain Tiles is 1000.
17. A Load of Lime is 32 Bushels.
18. A Load of Sand is 36 Bushels.
19. A Hundred of Lime is 35 Bushels.
20. A Hundred of Deals is 120.
21. A Hundred of Nails is 120.
22. A Thousand of Nails is 1200.
23. A Ton of Iron is 2240 Pound Weight.
24. A Fodder of Lead is 19 Hundre $\frac{1}{2}$, or 2184 Pound.
25. A Hundied of Lead is 112 Pound Weight.
26. A Table of Glas is 5 Feet, and 45 Tables is a Case, but of Newcastle, Normandy Glas, 25 Tables is a Case.
27. A geometrical Pace is 5 Feet in Length.
28. A geometrical Perch is 10 Feet in Length.
29. A Statute Pole or Perch is $16\frac{1}{2}$ Feet in Length.
30. A square Statute Pole or Perch is $272\frac{1}{2}$ square Feet.
31. A Woodland Pole or Perch is 18 Feet in Length.
32. A square Woodland Pole is 234 square Feet.
33. A Forest Pole or Perch is 21 Feet in Length.
34. Four Statute Perches is one Chain's Length.
35. Ten Chains Length is a Furlong, or Acre's Length.
36. Four Chains Length is an Acre's Breadth.
37. Forty square Perches is a Rood, or Quarter of an Acre.
38. Four Roods, or 160 Perches is one Acre.
39. A Hide of Land is 100 Acres.

A NEW

A

N E W T A B L E
O F
S O L I D M E A S U R E .

W H E R E B Y

The solid Content, and consequently the Value of any Piece or Quantity of Timber, Stone, &c. that is either round, square, or unequal sided, may be readily found, from 2 Inches to 36, the Side of the Square, or one Fourth of the Girt, and from 1 Foot to 40 the Length: And therefore, by Addition only, may serve to any greater Square or Length, if required.

A NEW TABLE OF SOLID MEASURE. 73

Feet long.	Side, 2 Inches	Side, 2 $\frac{1}{2}$ Inch	Side, 2 $\frac{1}{2}$ Inch	Side, 2 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	o 4 o Ft. In. Pa.	o 5 o Ft. In. Pa.	o 6 3 Ft. In. Pa.	o 7 6 Ft. In. Pa.
1	o o 4	o o 5	o o 6	o o 7
2	o o 8	o o 10	o 1 o 3	o 1 3
3	o 1 o	o 1 3	o 1 6	o 1 10
4	o 1 4	o 1 8	o 2 1	o 2 6
5	o 1 8	o 2 1	o 2 7	o 3 1
6	o 2 o	o 2 6	o 3 1	o 3 9
7	o 2 4	o 2 11	o 3 7	o 4 4
8	o 2 8	o 3 4	o 4 2	o 5 o
9	o 3 o	o 3 9	o 4 8	o 5 8
10	o 3 4	o 4 2	o 5 2	o 6 3
11	o 3 8	o 4 7	o 5 8	o 6 11
12	o 4 o	o 5 o	o 6 3	o 7 6
13	o 4 4	o 5 5	o 6 9	o 8 2
14	o 4 8	o 5 10	o 7 3	o 8 9
15	o 5 o	o 6 3	o 7 9	o 9 5
16	o 5 4	o 6 8	o 8 4	o 10 1
17	o 5 8	o 7 1	o 8 10	o 10 8
18	o 6 o	o 7 6	o 9 4	o 11 4
19	o 6 4	o 7 11	o 9 10	o 11 11
20	o 6 8	o 8 4	o 10 5	1 o 7
21	o 7 o	o 8 9	o 10 11	1 1 2
22	o 7 4	o 9 2	o 11 5	1 1 10
23	o 7 8	o 9 7	o 11 11	1 2 5
24	o 8 o	o 10 o	1 o 6	1 3 1
25	o 8 4	o 10 5	1 1 o	1 3 9
26	o 8 8	o 10 10	1 1 6	1 4 4
27	o 9 o	o 11 3	1 2 o	1 5 o
28	o 9 4	o 11 8	1 2 7	1 5 7
29	o 9 8	1 o 1	1 3 1	1 6 3
30	o 10 o	1 o 6	1 3 7	1 6 10
31	o 10 4	1 o 11	1 4 1	1 7 6
32	o 10 8	1 1 4	1 4 8	1 8 2
33	o 11 o	1 1 9	1 5 2	1 8 9
34	o 11 4	1 2 2	1 5 8	1 9 5
35	o 11 8	1 2 7	1 6 2	1 10 o
36	1 o o	1 3 o	1 6 9	1 11 3
37	1 o 4	1 3 5	1 7 3	1 11 4
38	1 o 8	1 3 10	1 7 9	2 o 6
39	1 1 o	1 4 3	1 8 3	2 1 2
40	1 1 4	1 4 8	1 8 10	2 1 10

74 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 3 Inches squared.	Side, 3 $\frac{1}{4}$ Inch squared.	Side, 3 $\frac{1}{2}$ Inch squared.	Side, 3 $\frac{3}{4}$ Inch squared.
	0 9 0	0 10 6	0 12 3	0 14 0
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	0 0 9	0 0 10	0 1 0	0 1 2
2	0 1 6	0 1 9	0 2 0	0 2 4
3	0 2 3	0 2 7	0 3 0	0 3 6
4	0 3 0	0 3 6	0 4 1	0 4 8
5	0 3 9	0 4 4	0 5 1	0 5 10
6	0 4 6	0 5 3	0 6 1	0 7 0
7	0 5 3	0 6 1	0 7 1	0 8 2
8	0 6 0	0 7 0	0 8 2	0 9 4
9	0 6 9	0 7 11	0 9 2	0 10 6
10	0 7 6	0 8 0	0 10 2	0 11 8
11	0 8 3	0 9 8	0 11 2	1 0 10
12	0 9 0	0 10 6	1 0 3	1 2 0
13	0 9 9	0 11 5	1 1 3	1 3 2
14	0 10 6	1 0 3	1 2 3	1 4 4
15	0 11 3	1 1 2	1 3 3	1 5 6
16	1 0 0	1 2 1	1 4 4	1 6 9
17	1 0 9	1 2 11	1 5 4	1 7 11
18	1 1 6	1 3 10	1 6 4	1 9 1
19	1 2 3	1 4 8	1 7 4	1 10 3
20	1 3 0	1 5 7	1 8 5	1 11 5
21	1 3 9	1 6 5	1 9 5	2 0 7
22	1 4 6	1 7 4	1 10 5	2 1 9
23	1 5 3	1 8 2	1 11 5	2 2 11
24	1 6 0	1 9 1	2 0 6	2 4 1
25	1 6 9	1 10 0	2 1 6	2 5 3
26	1 7 6	1 10 10	2 2 6	2 6 5
27	1 8 3	1 11 9	2 3 6	2 7 7
28	1 9 0	2 0 7	2 4 7	2 8 9
29	1 9 9	2 1 6	2 5 7	2 9 11
30	1 10 6	2 2 4	2 6 7	2 10 1
31	1 11 3	2 3 3	2 7 7	2 11 3
32	2 0 0	2 4 2	2 8 8	3 0 6
33	2 0 9	2 5 0	2 9 8	3 1 8
34	2 1 6	2 5 11	2 10 8	3 2 10
35	2 2 3	2 6 9	2 11 8	3 4 0
36	2 3 0	2 7 8	3 0 9	3 5 2
37	2 3 9	2 8 6	3 1 9	3 6 4
38	2 4 6	2 9 5	3 2 9	3 7 6
39	2 5 3	2 10 3	3 3 9	3 8 8
40	2 6 0	2 11 2	3 4 10	3 9 10

A NEW TABLE OF SOLID MEASURE. 75

Feet long.	Side, 4 Inches	Side, 4 $\frac{1}{2}$ Inch	Side, 4 $\frac{1}{2}$ Inch	Side, 4 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	o 16 o	o 18 o	o 20 3	o 22 6
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	o 1 4	o 1 6	o 1 8	o 1 10
2	o 2 8	o 3 o	o 3 4	o 3 9
3	o 4 o	o 4 6	o 5 o	o 5 7
4	o 5 4	o 5 o	o 6 9	o 7 6
5	o 6 8	o 7 6	o 8 5	o 9 4
6	o 8 o	o 9 o	o 10 1	o 11 3
7	o 9 4	o 10 6	o 11 9	1 1 1
8	o 10 8	1 o o	1 1 6	1 3 o
9	1 o o	1 1 6	1 2 2	1 4 11
10	1 1 4	1 3 o	1 4 10	1 6 9
11	1 2 8	1 4 6	1 6 6	1 8 8
12	1 4 o	1 6 o	1 8 3	1 10 6
13	1 5 4	1 7 6	1 9 11	2 o 5
14	1 6 8	1 9 o	1 11 7	2 2 3
15	1 8 o	1 10 6	2 1 3	2 4 2
16	1 9 4	2 o 1	2 3 o	2 6 1
17	1 10 8	2 1 7	2 4 8	2 7 11
18	2 o o	2 3 2	2 6 4	2 9 10
19	2 1 4	2 4 7	2 8 o	2 11 8
20	2 2 8	2 6 1	2 9 9	3 1 7
21	2 4 o	2 7 7	2 11 1	3 3 5
22	2 5 4	2 9 1	3 1 5	3 5 4
23	2 6 8	2 10 7	3 2 9	3 7 2
24	2 8 o	3 o 1	3 4 6	3 9 1
25	2 9 4	3 1 7	3 6 2	3 11 o
26	2 10 8	3 3 1	3 7 10	4 o 10
27	3 o o	3 4 7	3 9 6	4 2 9
28	3 1 4	3 6 1	3 11 3	4 4 7
29	3 2 8	3 7 7	4 o 11	4 6 6
30	3 4 o	3 9 1	4 2 7	4 8 4
31	3 5 4	3 10 7	4 4 3	4 10 3
32	3 6 8	4 o 2	4 6 o	5 o 2
33	3 8 o	4 1 8	4 7 8	5 2 o
34	3 9 4	4 3 2	4 9 4	5 3 11
35	3 10 8	4 4 8	4 11 o	5 5 9
36	4 o o	4 6 2	5 o 9	5 7 8
37	4 1 4	4 7 8	5 2 5	5 9 6
38	4 2 8	4 9 2	5 4 1	5 11 5
39	4 4 o	4 10 8	5 5 9	6 1 3
40	4 5 4	5 o 2	5 7 6	6 3 2

76 A NEW TABLE OF SOLID MEASURE.

Feet long	Side, 5 Inches squared.	Side, 5 $\frac{1}{4}$ Inch squared.	Side, 5 $\frac{1}{2}$ Inch squared.	Side, 5 $\frac{3}{4}$ Inch squared.
	0 25 0	0 27 6	0 30 3	0 33 0
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	0 2 1	0 2 3	0 2 6	0 2 9
2	0 4 2	0 4 7	0 5 0	0 5 6
3	0 6 3	0 6 10	0 7 6	0 8 3
4	0 8 4	0 9 2	0 10 1	0 11 0
5	0 10 5	0 11 5	1 0 7	1 1 0
6	1 0 6	1 1 9	1 3 1	1 4 6
7	1 2 7	1 4 0	1 5 7	1 7 3
8	1 4 8	1 6 4	1 8 2	1 10 0
9	1 6 9	1 8 8	1 10 8	2 0 9
10	1 8 10	1 10 11	2 1 2	2 3 6
11	1 10 11	2 1 3	2 3 8	2 6 3
12	2 1 0	2 3 6	2 6 3	2 9 0
13	2 3 1	2 5 10	2 8 9	2 11 9
14	2 5 2	2 8 1	2 11 3	3 2 6
15	2 7 3	2 10 5	3 1 9	3 5 3
16	2 9 4	3 0 9	3 4 4	3 8 1
17	2 11 5	3 3 0	3 6 10	3 10 10
18	3 1 6	3 5 4	3 9 4	4 1 7
19	3 3 7	3 7 7	3 11 10	4 4 4
20	3 5 8	3 9 11	4 2 5	4 7 1
21	3 7 9	4 0 2	4 4 11	4 9 10
22	3 9 10	4 2 6	4 7 5	5 0 7
23	3 11 11	4 4 9	4 9 11	5 3 4
24	4 2 0	4 7 1	5 0 6	5 6 1
25	4 4 1	4 9 5	5 3 0	5 8 10
26	4 6 2	4 11 8	5 5 6	5 11 7
27	4 8 3	5 2 0	5 8 0	6 2 4
28	4 10 4	5 4 3	5 10 6	6 5 1
29	5 0 5	5 6 7	6 1 1	6 7 10
30	5 2 6	5 8 10	6 3 7	6 10 7
31	5 4 7	5 11 2	6 6 1	7 1 4
32	5 6 8	6 1 6	6 8 8	7 4 2
33	5 8 9	6 3 9	6 11 2	7 6 11
34	5 10 10	6 6 1	7 1 8	7 9 8
35	6 0 11	6 8 4	7 4 2	8 0 5
36	6 3 0	6 10 8	7 6 9	8 3 2
37	6 5 1	7 0 11	7 9 3	8 5 11
38	6 7 2	7 3 3	7 11 9	8 8 8
39	6 9 3	7 5 6	8 2 3	8 11 5
40	6 11 4	7 7 10	8 4 10	9 2 2

A NEW TABLE OF SOLID MEASURE. 77

Feet long.	Side, 6 Inches	Side, 6 $\frac{1}{4}$ Inch	Side, 6 $\frac{1}{2}$ Inch	Side, 6 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	o 36 o	o 39 o	o 42 3	o 45 6
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	o 3 o	o 3 3	o 3 6	o 3 9
2	o 6 o	o 6 6	o 7 o	o 7 7
3	o 9 o	o 9 9	o 10 6	o 11 4
4	1 o o	1 1 o	1 2 1	1 3 2
5	1 3 o	1 4 3	1 5 7	1 6 11
6	1 6 o	1 7 6	1 9 1	1 10 9
7	1 9 o	1 10 9	2 o 7	2 2 6
8	2 o o	2 2 o	2 4 2	2 6 4
9	2 3 o	2 5 3	2 7 8	2 10 2
10	2 6 o	2 8 6	2 11 2	3 1 11
11	2 9 o	2 11 9	3 2 8	3 5 9
12	3 o o	3 3 o	3 6 3	3 9 6
13	3 3 o	3 6 3	3 9 9	4 1 4
15	3 6 o	3 9 6	4 1 3	4 5 1
15	3 9 o	4 o 9	4 4 9	4 8 11
16	4 o o	4 4 1	4 8 4	5 o 9
17	4 3 o	4 7 4	4 11 10	5 4 6
18	4 6 o	4 10 7	5 3 4	5 8 4
19	4 9 o	5 1 10	5 6 10	6 o 1
20	5 o o	5 5 1	5 10 5	6 3 11
21	5 3 o	5 8 4	6 1 11	6 7 8
22	5 6 o	5 11 7	6 5 5	6 11 6
23	5 9 o	6 2 10	6 8 11	7 3 3
24	6 o o	6 6 1	7 o 6	7 7 1
25	6 3 o	6 9 4	7 4 o	7 10 11
26	6 6 o	7 o 7	7 7 6	8 2 8
27	6 9 o	7 3 10	7 11 o	8 6 6
28	7 o o	7 7 1	8 2 7	8 10 3
29	7 3 o	7 10 4	8 6 1	9 2 1
30	7 6 o	8 1 7	8 9 7	9 5 10
31	7 9 o	8 4 10	9 1 1	9 9 8
32	8 o o	8 8 2	9 4 8	10 1 6
33	8 3 o	8 11 5	9 8 2	10 5 5
34	8 6 o	9 2 8	10 11 8	10 9 1
35	8 9 o	9 5 11	10 3 2	11 o 10
36	9 o o	9 9 2	10 6 9	11 4 8
37	9 3 o	10 o 5	10 10 3	11 8 5
38	9 6 o	10 3 8	1 1 9	12 o 3
39	9 9 o	10 6 11	1 5 3	12 4 o
40	10 o o	10 10 2	1 8 10	12 7 10

78 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 7 Inches squared.			Side, 7 $\frac{1}{2}$ Inch squared.			Side, 7 $\frac{1}{2}$ Inch squared.			Side, 7 $\frac{1}{2}$ Inch squared.		
	o 49 o			o 52 6			o 56 3			o 60 o		
	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.
1	0	4	1	0	4	4	0	4	8	0	5	0
2	0	8	2	0	8	9	0	9	4	0	10	0
3	1	0	3	1	1	1	1	2	0	1	3	0
4	1	4	4	1	5	6	1	9	9	1	8	0
5	1	8	5	1	9	10	1	11	5	2	1	0
6	2	0	6	2	2	3	2	4	1	2	6	0
7	2	4	7	2	6	7	2	8	9	2	11	0
8	2	8	8	2	11	0	3	1	6	3	4	0
9	3	0	9	3	3	5	3	6	2	3	9	0
10	3	4	10	3	7	9	3	10	10	4	2	0
11	3	8	11	4	0	2	4	3	6	4	7	0
12	4	1	0	4	4	6	4	8	3	5	0	0
13	4	5	1	4	8	11	5	0	11	5	5	0
14	4	9	2	5	1	3	5	5	7	5	10	0
15	5	1	3	5	5	8	5	10	3	6	3	0
16	5	5	4	5	10	1	6	3	0	6	8	1
17	5	9	5	6	2	5	6	7	8	7	1	1
18	6	1	6	6	6	10	7	0	4	7	6	1
19	6	5	7	6	11	2	7	5	0	7	11	1
20	6	9	8	7	3	7	7	9	9	8	4	1
21	7	1	9	7	7	11	8	2	5	8	9	1
22	7	5	10	8	0	4	8	7	1	9	2	1
23	7	9	11	8	4	8	8	11	9	9	7	1
24	8	2	0	8	9	1	9	4	6	10	0	1
25	8	6	1	9	1	6	9	9	2	10	5	1
26	8	10	2	9	5	10	10	1	1	10	10	1
27	9	2	3	9	10	3	10	10	6	11	3	1
28	9	6	4	10	2	7	10	11	3	11	8	1
29	9	10	5	10	7	0	11	3	11	12	1	1
30	10	2	6	10	11	4	11	8	7	12	6	1
31	10	6	7	11	3	9	12	1	3	12	11	1
32	10	10	8	11	8	2	12	6	0	13	4	2
33	11	2	9	12	0	6	12	10	8	13	9	2
34	11	6	10	12	4	11	13	3	4	14	2	2
35	11	10	11	12	9	3	13	8	0	14	7	2
36	12	3	0	13	1	8	14	0	9	15	0	2
37	12	7	1	13	6	0	14	5	5	15	5	2
38	12	11	2	13	10	5	14	10	9	15	10	2
39	13	3	3	14	2	9	15	2	1	16	3	2
40	13	7	4	14	7	2	55	7	6	16	8	2

A NEW TABLE OF SOLID MEASURE. 79

Feet long.	Side, 8 Inches	Side, $8\frac{1}{4}$ Inch	Side, $8\frac{1}{2}$ Inch	Side, $8\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	o 64 o	o 68 o	o 72 3	o 76 6
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	o 5 4	o 5 8	o 6 o	o 6 4
2	o 10 8	o 11 4	1 o o	1 o 9
3	1 4 o	1 5 o	1 6 o	1 7 1
4	1 9 4	1 10 8	2 o 1	2 1 6
5	2 2 8	2 4 4	2 6 1	2 7 10
6	2 8 o	2 10 o	3 o 1	3 2 3
7	3 1 4	3 3 8	3 6 1	3 8 7
8	3 8 6	3 9 4	4 o 2	4 3 o
9	4 o o	4 3 o	4 6 2	4 9 5
10	4 5 4	4 8 8	5 o 2	5 3 9
11	4 10 8	5 2 4	5 6 2	5 10 2
12	5 4 o	5 8 o	6 o 3	6 4 6
13	5 9 4	6 1 8	6 6 3	6 10 11
14	6 2 8	6 7 4	7 o 3	7 5 3
15	6 8 o	7 1 o	7 6 3	7 11 8
16	7 1 4	7 6 o	8 o 4	8 6 1
17	7 6 8	8 o 5	8 6 4	9 o 5
18	8 o o	8 6 1	9 o 4	9 6 10
19	8 5 4	8 11 9	9 6 4	10 1 2
20	8 10 8	9 5 5	10 o 5	10 7 7
21	9 4 o	9 11 1	10 6 5	11 1 11
22	9 9 4	10 4 9	11 o 5	11 8 4
23	10 2 8	10 10 5	11 6 5	12 1 8
24	10 8 o	11 4 1	12 o 6	12 9 1
25	11 1 4	11 9 9	12 6 6	13 3 6
26	11 6 8	12 3 5	13 o 6	13 9 10
27	12 o o	12 9 1	13 6 6	14 4 3
28	12 5 4	13 2 9	14 o 7	14 10 7
29	12 10 8	13 8 5	14 6 7	15 5 o
30	13 4 o	14 2 1	15 o 7	15 11 4
31	13 9 4	14 7 9	15 6 7	16 5 9
32	14 2 8	15 1 6	16 o 8	17 o 2
33	14 8 o	15 7 2	16 6 8	17 6 6
34	15 1 4	16 o 10	17 o 8	18 o 11
35	15 6 8	16 6 6	17 6 8	18 7 3
36	16 o o	17 o 2	18 o 9	19 1 8
37	16 5 4	17 5 10	18 6 9	19 8 o
38	16 10 8	17 11 o	19 o 9	20 2 5
39	17 4 o	18 5 2	19 6 9	20 8 9
40	17 9 4	18 10 10	20 o 10	21 3 2

80 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 9 Inches	Side, 9 $\frac{1}{2}$ Inch	Side, 9 $\frac{1}{2}$ Inch	Side, 9 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	o 81 o	o 85 6	o 90 3	o 95 1
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	o 6 9	o 7 1	o 7 6	o 7 11
2	1 1 6	1 2 3	1 3 o	1 3 10
3	1 8 3	1 9 4	1 10 6	1 11 9
4	2 3 o	2 4 6	2 6 1	2 7 8
5	2 9 9	2 11 7	3 1 7	3 3 7
6	3 4 6	3 6 9	3 9 1	3 11 6
7	3 11 3	4 1 10	4 4 7	4 7 5
8	4 6 o	4 9 o	5 o 2	5 3 4
9	5 o 9	5 4 2	5 7 8	5 11 3
10	5 7 6	5 11 3	6 3 2	6 7 2
11	6 2 3	6 6 5	6 10 8	7 3 1
12	6 9 o	7 1 6	7 6 3	7 11 o
13	7 3 9	7 8 8	8 1 9	8 6 11
14	7 10 6	8 3 9	8 9 3	8 2 10
15	8 5 3	8 11 11	9 4 9	9 10 9
16	9 o o	9 6 1	10 o 4	10 o 9
17	9 6 9	10 1 2	10 7 10	11 2 8
18	10 1 6	10 8 4	11 3 4	11 10 7
19	10 8 3	11 3 5	11 10 10	12 6 6
20	11 3 o	11 10 7	12 6 5	13 2 5
21	11 9 9	12 5 8	13 1 11	13 10 4
22	12 4 6	13 o 10	13 9 5	14 6 3
23	12 11 3	13 7 11	14 4 11	15 2 2
24	13 6 o	14 3 1	15 o 6	15 10 1
25	14 o 9	14 10 3	15 8 o	16 6 o
26	14 7 6	15 5 4	16 3 6	17 1 11
27	15 2 3	16 o 6	16 11 o	17 9 10
28	15 9 o	16 7 7	17 6 7	18 5 9
29	16 3 9	17 2 9	18 2 1	19 1 8
30	16 10 6	17 9 10	18 9 7	19 9 7
31	17 5 3	18 5 o	19 5 1	20 5 6
32	18 o o	19 o 2	20 o 8	21 11 6
33	18 6 9	19 7 3	20 8 2	21 9 5
34	19 1 6	20 2 5	21 3 8	22 5 4
35	19 8 3	20 9 6	21 11 2	23 1 3
36	20 3 o	21 4 8	22 6 9	23 9 2
37	20 9 o	21 11 9	23 2 3	24 5 1
38	21 4 6	22 6 11	23 9 9	25 1 o
39	21 11 3	23 12 o	24 5 3	25 8 11
40	22 6 o	23 9 2	25 o 10	26 4 10

A NEW TABLE OF SOLID MEASURE. 81

Feet long.	Side, 10 Inches	Side, 10 $\frac{1}{2}$ Inch	Side, 10 $\frac{1}{2}$ Inch	Side, 10 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	0 100 0 Ft. In. Pa.	0 104 6 Ft. In. Pa.	0 110 3 Ft. In. Pa.	0 115 6 Ft. In. Pa.
1	0 8 4	0 8 9	0 9 2	0 9 7
2	1 4 8	1 5 6	1 6 4	1 7 3
3	2 1 0	2 2 3	2 3 6	2 4 10
4	2 9 4	2 11 0	3 0 9	3 2 6
5	3 5 8	3 7 9	3 9 11	4 0 1
6	4 2 0	4 4 6	4 7 1	4 9 9
7	4 10 4	5 1 3	5 4 3	5 7 4
8	5 6 8	5 10 0	6 1 6	6 5 0
9	6 3 0	6 6 9	6 10 8	7 2 8
10	6 11 4	7 3 6	7 7 10	8 0 3
11	7 7 8	8 0 3	8 5 0	8 9 11
12	8 4 0	8 9 0	9 2 3	9 7 6
13	9 0 4	9 5 9	9 11 5	10 5 2
14	9 8 8	10 2 6	10 8 7	11 2 9
15	10 5 0	10 11 3	11 5 9	12 0 5
16	11 1 4	11 8 1	12 3 0	12 10 1
17	11 9 8	12 4 10	13 0 2	13 7 8
18	12 6 0	13 1 7	13 9 4	14 5 4
19	13 2 4	13 10 4	14 6 6	15 2 11
20	13 10 8	14 7 1	15 3 9	16 0 7
21	14 7 0	15 3 10	16 0 11	16 10 2
22	15 3 4	16 0 7	16 10 1	17 7 10
23	15 11 8	16 9 4	17 7 3	18 5 5
24	16 8 0	17 6 1	18 4 6	19 3 1
25	17 4 4	18 2 10	19 1 8	20 0 9
26	18 0 8	18 11 7	19 10 10	20 10 4
27	18 9 0	19 8 4	20 8 0	21 8 0
28	19 5 4	20 5 1	21 5 3	22 5 7
29	20 1 8	21 10 1	22 2 5	23 3 3
30	20 10 0	21 10 7	22 11 7	24 0 10
31	21 6 4	22 7 4	23 8 9	24 10 6
32	22 2 8	23 4 2	24 6 0	25 8 2
33	22 11 0	24 0 11	25 3 2	26 5 9
34	23 7 4	24 9 8	26 0 4	27 3 5
35	24 3 8	25 6 5	26 9 6	28 1 0
36	25 0 0	26 3 2	27 6 9	28 10 8
37	25 8 4	26 11 11	28 3 11	29 8 3
38	26 4 8	27 8 8	29 1 1	30 5 11
39	27 1 0	28 3 5	29 10 3	31 1 6
40	27 9 4	29 2 2	30 7 6	32 3 2

82 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 11 Inches	Side, 11 $\frac{1}{2}$ Inch	Side, 11 $\frac{1}{2}$ Inch	Side, 11 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	0 121 0	0 126 6	0 132 3	0 138 0
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	0 10 1	0 10 6	0 11 0	0 11 6
2	1 8 2	1 9 1	1 10 0	1 11 0
3	2 6 3	2 7 7	2 9 0	2 10 6
4	3 4 4	3 6 2	3 8 1	3 10 0
5	4 2 5	4 4 8	4 7 1	4 9 0
6	5 0 6	5 3 3	5 6 1	5 9 0
7	5 10 7	6 1 9	6 5 1	6 8 6
8	6 8 8	7 0 4	7 4 2	7 8 0
9	7 6 9	7 10 11	8 3 2	8 7 6
10	8 4 10	8 9 5	9 2 2	9 7 0
11	9 2 11	9 8 0	10 1 2	10 6 6
12	10 1 0	10 6 6	11 0 3	11 6 0
13	10 11 1	11 5 1	11 11 3	12 5 6
14	11 9 2	12 3 7	12 10 3	13 5 0
15	12 7 3	13 2 2	13 9 3	14 4 6
16	13 5 4	14 0 9	14 8 4	15 4 1
17	14 3 5	14 11 3	15 7 4	16 3 7
18	15 1 6	15 9 10	16 6 4	17 3 1
19	15 11 7	16 8 4	17 5 4	18 2 7
20	16 9 8	17 6 11	18 4 5	19 2 1
21	17 7 9	18 5 5	19 3 5	20 0 7
22	18 5 10	19 4 0	20 2 5	21 0 1
23	19 3 11	20 2 6	21 1 5	22 1 7
24	20 2 0	21 1 1	22 0 6	23 1 1
25	21 0 1	21 11 8	22 11 6	23 11 7
26	21 10 2	22 10 2	23 10 6	24 11 1
27	22 8 3	23 8 9	24 9 6	25 10 7
28	23 6 4	24 7 3	25 8 7	26 10 1
29	24 4 5	25 5 10	26 7 7	27 9 7
30	25 2 6	26 4 4	27 6 7	28 9 1
31	26 0 7	27 2 11	28 5 7	29 8 7
32	26 10 8	28 1 6	29 4 8	30 8 2
33	27 8 9	29 0 0	30 3 8	31 7 8
34	28 6 10	29 10 7	31 2 8	32 7 2
35	29 4 11	30 9 1	32 1 8	33 6 8
36	30 3 0	31 7 8	33 0 9	34 6 2
37	31 1 1	32 6 2	33 11 9	35 5 8
38	31 11 2	33 4 9	34 10 9	36 5 2
39	32 9 3	34 3 3	35 9 9	37 4 8
40	33 7 4	35 1 10	36 8 10	38 4 2

A NEW TABLE OF SOLID MEASURE. 83

Feet long.	Side, 12 Inches squared.	Side, 12 $\frac{1}{2}$ Inch squared.	Side, 12 $\frac{1}{2}$ Inch squared.	Side, 12 $\frac{1}{2}$ Inch squared.
	1 0 0	1 0 6	1 1 0	1 1 6
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	1 0 0	1 0 6	1 1 0	1 1 6
2	2 0 0	2 1 0	2 2 0	2 3 1
3	3 0 0	3 1 6	3 3 0	3 4 7
4	4 0 0	4 2 0	4 4 1	4 6 2
5	5 0 0	5 2 6	5 5 1	5 7 8
6	6 0 0	6 3 0	6 6 1	6 9 3
7	7 0 0	7 3 6	7 7 1	7 10 9
8	8 0 0	8 4 0	8 8 2	9 0 4
9	9 0 0	9 4 6	9 9 2	10 1 11
10	10 0 0	10 5 0	10 10 2	11 3 5
11	11 0 0	11 5 6	11 11 2	12 5 0
12	12 0 0	12 6 0	13 0 3	13 6 6
13	13 0 0	13 6 6	14 1 3	14 8 1
14	14 0 0	14 7 0	15 2 3	15 9 7
15	15 0 0	15 7 6	16 3 3	16 11 2
16	16 0 0	16 8 1	17 4 4	17 0 9
17	17 0 0	17 8 7	18 5 4	19 2 3
18	18 0 0	18 9 1	19 6 4	20 3 10
19	19 0 0	19 9 7	20 7 4	21 5 4
20	20 0 0	20 10 1	21 8 5	22 6 11
21	21 0 0	21 10 7	22 9 5	23 8 5
22	22 0 0	22 11 1	23 10 5	24 10 0
23	23 0 0	23 11 7	24 11 5	25 11 6
24	24 0 0	25 0 1	26 0 6	27 1 1
25	25 0 0	26 0 7	27 1 6	28 2 8
26	26 0 0	27 1 1	28 2 6	29 4 2
27	27 0 0	28 1 7	29 3 6	30 5 9
28	28 0 0	29 2 1	30 4 7	31 7 3
29	29 0 0	30 2 7	31 5 7	32 8 10
30	30 0 0	31 3 1	32 6 7	3 10 4
31	31 0 0	32 3 8	33 7 7	34 11 11
32	32 0 0	33 4 2	34 8 8	39 1 6
33	33 0 0	34 4 8	35 9 8	37 3 0
34	34 0 0	35 5 2	36 10 8	38 4 7
35	35 0 0	36 5 8	37 11 8	39 6 1
36	36 0 0	37 6 2	39 0 9	40 7 8
37	37 0 0	38 6 8	40 1 9	41 9 2
38	38 0 0	39 7 2	41 2 9	42 10 9
39	39 0 0	40 7 8	42 3 9	44 0 3
40	40 0 0	41 8 2	43 4 10	45 1 10

84 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 13 Inches squared.			Side, 13 $\frac{1}{2}$ Inch squared.			Side, 13 $\frac{1}{4}$ Inch squared.			Side, 13 $\frac{1}{2}$ Inch squared.		
	1 2 1			1 2 7			1 3 2			1 3 9		
	Ft. In. Pa.			Ft. In. Pa.			Ft. In. Pa.			Ft. In. Pa.		
1	1	2	1	1	2	7	1	3	2	1	3	9
2	2	4	3	2	5	3	2	6	4	2	7	6
3	3	6	3	3	7	10	3	9	6	3	11	3
4	4	8	4	4	10	6	5	0	9	5	3	0
5	5	10	5	6	1	1	6	3	11	6	6	9
6	7	0	6	7	3	9	7	7	1	7	10	6
7	8	2	7	8	6	4	8	10	3	9	2	3
8	9	4	8	9	9	0	10	1	6	10	6	0
9	10	6	9	10	11	8	11	4	8	11	9	9
10	11	8	10	12	2	3	12	7	10	13	1	6
11	12	10	11	13	4	11	13	11	0	14	5	3
12	14	1	0	14	7	6	15	2	3	15	9	0
13	15	3	1	15	10	2	16	5	5	17	0	9
14	16	5	2	17	0	9	17	8	7	18	4	6
15	17	7	3	18	3	5	18	11	9	19	8	3
16	18	9	4	19	6	1	20	3	0	21	0	1
17	19	11	5	20	8	8	21	6	2	32	3	10
18	21	1	6	21	11	4	22	9	4	23	7	7
19	22	3	7	23	1	11	24	0	6	24	11	4
20	23	5	8	24	4	7	25	3	9	26	3	1
21	24	7	9	25	7	2	26	6	11	27	6	10
22	25	9	10	26	9	10	27	10	1	28	10	7
23	26	11	11	28	0	5	29	1	3	30	2	4
24	28	2	0	29	3	1	30	4	6	31	6	1
25	29	4	1	30	5	9	31	7	8	32	9	10
26	20	6	2	31	8	4	32	10	10	34	1	7
27	31	8	3	32	11	0	34	2	0	35	5	4
28	32	10	4	34	1	7	35	5	3	36	9	1
29	34	0	5	35	4	3	36	8	5	38	0	10
30	35	2	6	36	6	10	37	11	7	39	4	7
31	36	4	7	37	9	6	39	2	9	40	8	4
32	37	6	8	39	0	2	40	6	0	42	0	2
33	38	8	9	40	2	9	41	9	2	43	3	11
34	39	10	10	41	5	5	43	0	4	44	7	8
35	41	0	11	42	8	0	44	3	6	45	11	5
36	42	3	0	42	10	8	45	6	9	47	3	2
37	43	5	1	44	1	3	46	9	11	48	6	11
38	44	7	2	46	3	11	48	1	1	49	10	8
39	45	9	3	47	6	6	49	4	3	51	2	5
40	46	11	4	48	9	2	50	7	6	52	6	2

A NEW TABLE OF SOLID MEASURE. 85

Feet long.	Side, 14 Inches squared.	Side, 14 $\frac{1}{2}$ Inch squared.	Side, 14 $\frac{1}{2}$ Inch squared.	Side, 14 $\frac{3}{4}$ Inch squared.
	1 4 4	1 4 11	1 5 6	1 6 1
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	1 4 4	1 4 11	1 5 6	1 6 1
2	2 8 8	2 9 10	2 11 0	3 0 3
3	4 1 0	4 2 9	4 4 6	4 6 4
4	5 5 4	5 7 8	5 10 1	6 0 6
5	6 9 8	7 0 7	7 3 7	7 6 7
6	8 2 0	8 5 6	8 9 1	9 0 9
7	9 6 4	9 10 5	10 2 7	10 6 10
8	10 10 8	11 3 4	11 8 2	12 1 0
9	12 3 0	12 8 3	13 1 8	13 7 2
10	13 7 4	14 1 2	14 7 2	15 1 3
11	14 11 8	15 6 1	16 0 8	16 7 5
12	16 4 0	16 11 0	17 6 3	18 1 6
13	17 8 4	18 3 11	18 11 9	19 7 8
14	19 0 8	19 8 10	20 5 3	21 1 9
15	20 5 0	21 1 9	21 10 9	22 7 11
16	21 9 4	22 6 9	23 4 4	24 2 1
17	23 1 8	23 11 8	24 9 10	25 8 2
18	24 6 0	25 4 7	26 3 4	27 2 4
19	25 10 4	26 9 6	27 8 10	28 8 5
20	27 2 8	28 2 5	29 2 5	30 2 7
21	28 7 0	29 7 4	30 7 11	31 8 8
22	29 11 4	31 0 3	32 1 5	33 2 10
23	31 3 8	32 5 2	33 6 11	34 8 11
24	32 8 0	33 10 1	35 0 6	36 3 1
25	34 0 4	35 3 0	36 6 0	37 9 3
26	35 4 8	36 7 11	37 11 6	39 3 4
27	36 9 0	38 0 10	39 5 0	40 9 6
28	38 1 4	39 5 9	40 10 7	42 3 7
29	39 5 8	40 10 8	42 4 1	43 9 9
30	40 10 0	42 3 7	43 9 7	45 3 10
31	42 2 4	43 8 6	45 3 1	46 10 0
32	43 6 8	45 1 6	46 8 8	48 4 2
33	44 11 0	46 6 5	48 2 2	49 10 3
34	46 3 4	47 11 4	49 7 8	51 4 5
35	47 7 8	49 4 3	51 1 2	52 10 6
36	49 0 0	50 9 2	52 6 9	54 4 8
37	50 4 4	52 2 1	54 0 3	55 10 9
38	51 8 8	53 7 0	55 5 9	57 4 10
39	53 1 0	54 11 11	56 11 3	58 11 0
40	54 5 4	56 4 10	58 4 10	60 5 2

86 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 15 Inches	Side, 15 $\frac{1}{2}$ Inch	Side, 15 $\frac{3}{4}$ Inch	Side, 15 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	1 6 9 Ft. In. Pa.	1 7 4 Ft. In. Pa.	1 8 0 Ft. In. Pa.	1 8 8 Ft. In. Pa.
1	1 6 9	1 7 4	1 8 0	1 8 8
2	3 1 6	3 2 9	3 4 0	3 5 4
3	4 8 3	4 10 1	5 0 0	5 2 0
4	6 3 0	6 5 6	6 8 1	6 10 8
5	7 9 9	8 0 10	8 4 1	8 7 4
6	9 4 6	9 8 3	10 0 1	10 4 0
7	10 11 3	11 3 7	11 8 1	12 0 8
8	12 6 0	12 11 0	13 4 2	13 9 4
9	14 0 9	14 6 5	15 0 2	15 6 0
10	15 7 6	16 1 9	16 8 2	17 2 8
11	17 2 3	17 9 2	18 4 2	18 11 4
12	18 9 0	19 4 6	20 0 3	20 8 0
13	20 3 9	20 11 11	21 8 3	22 4 8
14	21 10 6	22 7 3	23 4 3	24 1 4
15	23 5 3	24 2 8	25 0 3	25 10 0
16	25 0 0	25 10 1	26 8 4	27 6 9
17	26 6 9	27 5 5	28 4 4	29 3 5
18	28 1 6	29 0 10	30 0 4	31 0 1
19	29 1 3	30 8 2	31 8 4	32 8 9
20	31 3 0	32 3 7	33 4 5	34 5 5
21	32 9 9	33 10 11	35 0 5	36 2 1
22	34 4 6	35 6 4	36 8 5	37 10 9
23	35 11 3	37 1 8	38 4 5	39 7 5
24	37 6 0	38 9 1	40 0 6	41 4 1
25	39 0 9	40 4 6	41 8 6	43 0 9
26	40 7 6	41 11 10	43 4 6	44 9 5
27	42 2 3	43 7 3	45 0 6	46 6 1
28	43 9 0	45 2 7	46 8 7	48 2 9
29	45 3 9	46 10 0	48 4 7	49 11 5
30	46 10 6	48 5 4	50 0 7	51 8 1
31	48 5 3	50 0 9	51 8 7	53 4 9
32	50 0 0	51 8 2	53 4 8	55 1 6
33	51 6 9	53 3 6	55 0 8	56 10 2
34	53 1 6	54 10 11	56 8 8	58 6 10
35	54 8 3	56 6 3	58 4 8	60 3 6
36	56 3 0	58 1 8	60 0 9	62 0 2
37	57 9 9	59 9 0	61 8 9	63 8 10
38	59 4 6	61 4 5	63 4 9	65 5 6
39	60 11 3	62 11 9	65 0 9	67 2 2
40	62 6 0	64 7 2	66 8 10	68 10 10

A NEW TABLE OF SOLID MEASURE. 87

Feet long	Side, 16 Inches	Side 16 $\frac{1}{2}$ Inch	Side, 16 $\frac{1}{2}$ Inch	Side, 16 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	1 9 4 Ft. In. Pa.	1 10 0 Ft. In. Pa.	1 10 8 Ft. In. Pa.	1 11 4 Ft. In. Pa.
1	1 9 4	1 10 0	1 10 8	1 11 4
2	3 6 8	3 8 0	3 9 4	3 10 9
3	5 4 0	5 6 0	5 8 0	5 10 1
4	7 1 4	7 4 0	7 6 9	7 9 6
5	8 10 8	9 2 0	9 5 5	9 8 10
6	10 8 0	11 0 0	11 4 1	11 8 3
7	12 5 4	12 10 0	13 2 9	13 7 7
8	14 2 8	14 6 0	15 1 6	15 7 0
9	16 0 0	16 8 0	17 0 2	17 6 5
10	17 9 4	18 4 0	18 10 10	19 5 9
11	19 6 8	20 2 0	20 9 6	21 5 2
12	21 4 0	22 0 0	22 8 3	23 4 6
13	23 1 4	23 10 0	24 6 11	25 3 11
14	24 10 8	25 8 0	26 5 7	27 3 3
15	26 8 0	27 6 0	28 4 3	29 2 8
16	28 5 4	29 4 1	30 3 0	31 2 1
17	30 2 8	31 2 1	32 1 8	33 1 5
18	32 0 0	33 0 1	34 0 4	35 0 10
19	33 9 4	34 10 1	35 11 0	37 0 2
20	35 6 8	36 8 1	37 9 9	38 11 7
21	37 4 0	38 6 1	39 8 5	40 10 11
22	39 1 4	40 4 1	41 7 1	42 10 4
23	40 10 8	42 2 1	43 5 9	44 9 8
24	42 8 0	44 0 1	45 4 6	46 9 1
25	44 5 4	45 10 1	47 3 2	48 8 6
26	46 2 8	47 8 1	49 1 10	50 7 10
27	48 0 0	49 6 1	51 0 6	52 7 3
28	49 9 4	51 4 1	52 11 3	54 6 4
29	51 6 8	53 2 1	54 9 11	56 6 0
30	53 4 0	55 0 1	56 8 7	58 5 4
31	55 1 4	56 10 1	58 7 3	60 4 9
32	56 10 8	58 8 2	60 6 0	62 4 2
33	58 8 0	60 6 2	62 4 9	64 3 6
34	60 5 4	62 4 2	64 3 2	66 2 11
35	62 2 8	64 2 2	66 2 0	68 2 3
36	64 0 0	66 0 2	68 0 9	70 1 8
37	65 9 4	67 10 2	69 11 5	72 1 0
38	67 6 8	69 8 2	71 10 1	74 0 5
39	69 4 0	71 6 2	73 8 9	75 11 9
40	71 1 4	73 4 2	75 7 6	77 11 2

88 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 17 Inches squared.			Side, 17 $\frac{1}{4}$ Inch squared.			Side, 17 $\frac{1}{2}$ Inch squared.			Side, 17 $\frac{3}{4}$ Inch squared.		
	2 0 1			2 0 9			2 1 6			2 2 3		
	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.
1	2	0	1	2	0	9	2	1	6	2	2	3
2	4	0	2	4	1	7	4	3	0	4	4	6
3	6	0	3	6	2	4	6	4	6	6	6	9
4	8	0	4	8	3	2	8	6	1	8	9	0
5	10	0	5	10	3	11	10	7	7	10	11	3
6	12	0	6	12	4	9	12	9	1	13	1	6
7	14	0	7	14	5	6	14	10	7	15	3	9
8	16	0	8	16	6	4	17	0	2	17	6	0
9	18	0	9	18	7	2	19	1	8	19	8	3
10	20	0	10	20	7	11	21	3	2	21	10	6
11	22	0	11	22	8	9	23	4	8	24	0	9
12	24	1	0	24	9	6	25	6	3	26	3	0
13	26	1	1	26	10	4	27	7	9	28	5	3
14	28	1	2	28	11	1	29	9	3	30	7	6
15	30	1	3	30	11	11	31	10	9	32	9	9
16	32	1	4	33	0	9	34	0	4	35	0	1
17	34	1	5	35	1	6	36	1	10	37	2	4
18	36	1	6	37	2	4	38	3	4	39	4	7
19	38	1	7	39	3	1	40	4	10	41	6	10
20	40	1	8	41	3	11	42	6	5	43	9	4
21	42	1	9	43	4	8	44	7	11	45	11	4
22	44	1	10	45	5	6	46	9	5	48	1	7
23	46	1	11	47	6	3	48	10	11	50	3	10
24	48	2	0	49	7	1	51	0	6	52	6	1
25	50	2	1	51	7	11	53	2	0	54	8	4
26	52	2	2	53	8	8	55	3	6	56	10	7
27	54	2	3	55	9	6	57	5	0	59	0	10
28	56	2	4	57	10	3	59	6	7	61	3	1
29	58	2	5	59	11	1	61	8	1	63	5	4
30	60	2	6	61	11	10	63	9	7	65	7	7
31	62	2	7	64	0	8	65	11	1	67	9	10
32	64	2	8	66	1	6	68	0	8	70	0	2
33	66	2	9	68	2	3	70	2	2	72	2	5
34	68	2	10	70	3	1	72	3	8	74	4	8
35	70	2	11	72	3	10	74	5	2	76	6	11
36	72	3	0	74	4	8	76	6	9	78	9	2
37	74	3	1	76	5	5	78	8	3	80	11	5
38	77	3	2	78	6	3	80	9	9	83	1	8
39	78	3	3	80	7	0	82	11	3	85	3	11
40	80	3	4	82	7	10	85	0	10	87	6	2

A NEW TABLE OF SOLID MEASURE. 89

Feet long.	Side, 18 Inches	Side, 18 $\frac{1}{2}$ Inch	Side, 18 $\frac{1}{2}$ Inch	Side, 18 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	2 3 0 Ft. In. Pa.	2 3 9 Ft. In. Pa.	2 4 6 Ft. In. Pa.	2 5 3 Ft. In. Pa.
1	2 3 0	2 3 9	2 4 6	2 5 3
2	4 6 0	4 7 6	4 9 0	4 10 7
3	6 9 0	6 11 3	7 1 6	7 3 10
4	9 0 0	9 3 0	9 6 1	9 9 2
5	11 3 0	11 6 9	11 10 7	12 2 5
6	13 6 0	13 10 6	14 3 1	14 7 9
7	15 9 0	16 2 3	16 7 7	17 1 0
8	18 0 0	18 6 0	19 0 2	19 6 4
9	20 3 0	20 9 9	21 4 8	21 11 8
10	22 6 0	23 1 6	23 9 2	24 4 11
11	24 9 0	25 5 3	26 1 8	26 10 3
12	27 0 0	27 9 0	28 6 3	29 3 6
13	29 3 0	30 0 9	30 10 9	31 8 10
14	31 6 0	32 4 6	32 3 3	34 2 1
15	33 9 0	34 8 3	35 7 9	36 7 5
16	36 0 0	37 0 1	38 0 4	39 0 9
17	38 3 0	39 3 10	40 4 10	41 6 0
18	40 6 0	41 7 7	42 9 4	43 11 4
19	42 9 0	43 11 4	45 1 10	46 4 7
20	45 0 0	46 3 1	47 6 5	48 9 11
21	47 3 0	48 6 10	49 10 11	51 3 2
22	49 6 0	50 10 7	52 3 5	53 8 6
23	51 9 0	53 2 4	54 7 11	56 1 9
24	54 0 0	55 6 1	57 0 6	58 7 1
25	56 3 0	57 9 10	59 5 0	61 0 5
26	58 6 0	60 1 7	61 9 6	63 5 8
27	60 9 0	62 5 4	64 2 0	65 11 0
28	63 0 0	64 9 0	66 6 7	68 4 3
29	65 3 0	67 0 10	68 11 1	70 9 7
30	67 6 0	69 4 7	71 3 7	73 2 10
31	69 9 0	71 8 4	73 8 1	75 8 2
32	72 0 0	74 0 2	76 0 8	78 1 6
33	74 3 0	76 3 11	78 5 2	80 6 9
34	76 6 0	78 7 8	80 9 8	83 0 1
35	78 9 0	80 1 5	83 2 2	85 5 4
36	81 0 0	83 3 2	85 6 9	87 10 8
37	83 3 0	85 6 11	87 11 3	90 3 11
38	85 6 0	87 10 8	90 3 9	92 9 3
39	87 9 0	90 2 5	92 8 3	95 2 6
40	90 0 0	92 6 2	95 0 10	97 7 10

90 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 19 Inches	Side, 19 $\frac{1}{4}$ Inch	Side, 19 $\frac{1}{2}$ Inch	Side, 19 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	2 6 1 Ft. In. Pa.	2 6 10 Ft. In. Pa.	2 7 8 Ft. In. Pa.	2 8 6 Ft. In. Pa.
1	2 6 1	2 6 10	2 7 8	2 8 6
2	5 0 2	5 1 9	5 3 4	5 5 0
3	7 6 3	7 8 7	7 11 0	8 1 6
4	10 0 4	10 3 6	10 6 9	10 10 0
5	12 6 5	12 10 4	13 2 5	13 6 6
6	15 0 6	15 5 3	15 10 1	16 3 0
7	17 6 7	18 0 1	18 5 9	18 11 6
8	20 0 8	20 7 0	21 1 6	21 8 0
9	22 6 9	23 1 11	23 9 2	24 4 6
10	25 0 10	25 8 9	26 4 10	27 1 0
11	27 6 11	28 3 8	29 0 6	29 9 6
12	30 1 0	30 10 6	31 8 3	32 6 0
13	32 7 1	33 5 5	34 3 11	35 2 6
14	35 1 2	36 0 3	36 11 7	37 11 0
15	37 7 3	38 7 2	39 7 3	40 7 6
16	40 1 4	41 2 1	42 3 0	43 4 1
17	42 7 5	43 8 11	44 10 8	46 0 7
18	45 1 6	46 3 10	47 6 4	48 9 1
19	47 7 7	48 10 8	50 2 0	51 5 7
20	50 1 8	51 5 7	52 9 9	54 2 1
21	52 7 9	54 0 5	55 5 5	56 0 7
22	55 1 10	56 7 4	58 1 1	59 7 1
23	57 7 11	59 2 2	60 8 9	62 3 7
24	60 2 0	61 9 1	63 4 6	65 0 1
25	62 8 1	64 4 0	66 0 2	67 8 7
26	65 2 2	66 10 10	68 7 10	70 5 1
27	67 8 3	69 5 9	71 3 6	73 1 7
28	70 2 4	72 0 7	73 11 3	75 10 1
29	72 8 5	74 7 6	76 6 11	78 6 7
30	75 2 6	77 2 4	79 2 7	81 3 1
31	77 8 7	79 9 3	81 10 3	83 11 7
32	80 2 8	82 4 2	84 6 0	86 8 2
33	82 8 9	84 11 0	87 1 8	89 4 8
34	85 2 10	87 5 11	89 9 4	92 1 2
35	87 8 11	90 0 3	92 5 0	94 9 8
36	90 3 0	92 7 9	95 0 9	97 6 2
37	92 9 1	95 2 6	97 8 5	100 2 8
38	95 3 2	97 9 5	100 4 1	102 11 2
39	97 9 3	100 4 3	102 11 9	105 7 8
40	100 3 4	102 11 9	105 7 6	108 4 2

A NEW TABLE OF SOLID MEASURE. 91

Feet long.	Side, 20 Inches squared.	Side, 20 $\frac{1}{4}$ Inch squared.	Side, 20 $\frac{1}{2}$ Inch squared.	Side, 20 $\frac{3}{4}$ Inch squared.
	2 9 4	2 10 2	2 11 0	2 11 10
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	2 9 4	2 10 2	2 11 0	2 11 10
2	5 6 8	5 8 4	5 10 0	5 11 9
3	8 4 0	8 6 6	8 9 0	8 11 7
4	11 1 4	11 4 8	11 8 1	11 11 6
5	13 10 8	14 2 10	14 7 1	14 11 4
6	16 8 0	17 1 0	17 6 1	17 11 3
7	19 5 4	19 11 2	20 5 1	20 11 1
8	22 2 8	22 9 4	23 4 2	23 11 0
9	25 0 0	25 7 6	26 3 2	26 10 11
10	27 9 4	28 5 8	29 2 2	29 10 9
11	30 6 8	31 3 10	32 1 2	32 10 8
12	33 4 0	34 2 0	35 0 3	35 10 6
13	36 1 4	37 0 2	37 11 3	38 10 5
14	38 10 8	39 10 4	40 10 3	41 10 3
15	41 8 0	42 8 6	43 9 3	44 10 2
16	44 5 4	45 6 9	46 8 4	47 10 1
17	47 2 8	48 4 11	49 7 4	50 9 11
18	50 0 0	51 3 1	52 6 4	53 9 10
19	52 9 4	54 1 3	55 5 4	56 9 8
20	55 6 8	56 11 5	58 4 5	59 9 7
21	58 4 0	59 9 7	61 3 5	62 9 5
22	61 1 4	62 7 9	64 2 5	65 9 4
23	63 10 8	65 5 11	67 1 5	68 9 2
24	66 8 0	68 4 1	70 0 6	71 9 1
25	69 5 4	71 2 3	72 11 6	74 9 0
26	72 2 8	74 0 5	75 10 6	77 8 10
27	75 0 0	76 10 7	78 9 6	80 8 9
28	77 9 4	79 8 9	81 8 7	83 8 7
29	80 6 8	82 6 11	84 7 7	86 8 6
30	83 4 0	85 5 1	87 6 7	89 8 4
31	86 1 4	88 3 3	90 5 7	92 8 3
32	88 10 8	91 1 6	93 4 8	95 8 2
33	91 8 0	93 11 8	96 3 8	98 8 0
34	94 5 4	96 9 10	99 2 8	101 7 11
35	97 2 8	99 8 0	102 1 8	104 7 9
36	100 0 0	102 6 2	105 0 9	107 7 8
37	102 9 4	105 4 4	107 11 9	110 7 6
38	105 6 8	108 2 6	110 10 9	113 7 5
39	108 4 0	111 0 8	113 9 9	116 7 3
40	111 1 4	113 10 10	116 8 10	119 7 2

92 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 21 Inches squared.	Side, 21 $\frac{1}{2}$ Inch squared.	Side, 21 $\frac{1}{2}$ Inch squared.	Side, 21 $\frac{1}{2}$ Inch squared.
	3 0 9	3 1 7	3 2 6	3 3 5
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	3 0 9	3 1 7	3 2 6	3 3 5
2	6 1 6	6 3 3	6 5 0	6 6 10
3	9 2 3	9 4 10	9 7 6	9 10 3
4	12 3 0	12 6 6	12 10 1	13 1 8
5	15 3 9	15 8 1	16 0 7	16 5 1
6	18 4 6	18 9 9	19 3 1	19 8 6
7	21 5 3	21 11 4	22 5 7	22 11 11
8	24 6 0	25 1 0	25 8 2	26 3 4
9	27 6 9	28 2 8	28 10 8	29 6 9
10	30 7 6	31 4 3	32 1 2	32 10 2
11	33 8 3	34 5 11	35 3 8	36 1 7
12	36 9 0	37 7 6	38 6 3	39 5 0
13	39 9 9	40 9 2	41 8 9	42 8 5
14	42 10 6	43 10 9	44 11 3	45 11 10
15	45 11 3	47 0 5	48 1 0	49 3 3
16	49 0 0	50 2 1	51 4 4	52 6 9
17	52 0 9	53 3 8	54 6 10	55 10 2
18	55 1 6	56 5 4	57 9 4	59 1 7
19	58 2 3	59 6 11	60 11 10	62 5 0
20	61 3 0	62 8 7	64 2 5	65 8 5
21	64 3 9	65 10 2	67 4 11	68 11 10
22	67 4 6	68 11 10	70 7 5	72 3 3
23	70 5 3	72 1 5	73 9 11	75 6 8
24	73 6 0	75 3 1	77 0 6	78 10 1
25	76 6 9	78 4 9	80 3 0	82 1 6
26	79 7 6	81 6 4	83 5 6	85 4 11
27	82 8 3	84 8 0	86 8 0	88 8 4
28	85 9 0	87 9 7	89 10 7	91 11 9
29	88 9 9	90 11 3	93 1 1	95 3 2
30	91 10 6	94 0 10	96 3 7	98 6 7
31	94 11 3	97 2 6	99 6 1	101 10 0
32	98 0 0	100 4 2	102 8 8	105 1 6
33	101 0 9	103 5 9	105 11 2	108 4 11
34	104 1 6	106 7 5	109 1 8	111 8 4
35	107 2 3	109 9 0	112 4 2	114 11 9
36	110 3 0	112 10 8	115 6 9	118 3 2
37	113 3 9	116 0 3	118 9 3	121 6 7
38	116 4 6	119 1 11	121 11 9	124 10 0
39	119 5 3	122 3 6	125 2 3	128 1 5
40	122 6 0	125 5 2	128 4 10	131 4 10

A NEW TABLE OF SOLID MEASURE. 93

Feet long.	Side, 22 Inches squared.			Side, 22 $\frac{1}{4}$ Inch squared.			Side, 22 $\frac{1}{2}$ Inch squared.			Side, 22 $\frac{3}{4}$ Inch squared.		
	3	4	4	3	5	3	3	6	2	3	7	1
	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.
1	3	4	4	3	5	3	3	6	2	3	7	1
2	6	8	8	6	10	6	7	0	4	7	2	3
3	10	1	0	10	3	9	10	6	6	10	9	4
4	13	5	4	13	0	0	14	0	9	14	4	6
5	16	9	8	17	2	3	17	6	11	17	11	7
6	20	2	0	20	7	6	21	1	1	21	6	9
7	23	6	4	24	0	9	24	7	3	25	1	10
8	26	10	8	27	6	0	28	1	6	28	9	0
9	30	3	0	30	11	3	31	7	8	32	4	2
10	33	7	4	34	4	6	35	1	10	35	11	3
11	36	11	8	37	9	9	38	8	0	39	6	5
12	40	4	0	41	3	0	42	2	3	43	1	6
13	43	8	4	44	8	3	45	8	5	46	8	8
14	47	0	8	48	1	6	49	2	7	50	3	9
15	50	5	0	51	6	9	52	8	9	53	10	11
16	53	9	4	55	0	1	56	3	0	57	6	1
17	57	1	8	58	5	4	59	9	2	61	1	2
18	60	6	0	61	10	7	63	3	4	64	8	4
19	63	10	4	65	3	10	66	9	6	68	3	5
20	67	2	8	68	9	1	70	3	0	71	10	7
21	70	7	0	72	2	4	73	9	11	75	5	8
22	73	11	4	75	7	7	77	4	1	79	0	10
23	77	3	8	79	0	10	80	10	3	82	7	11
24	80	8	0	82	6	1	84	4	6	86	3	1
25	84	0	4	85	11	4	87	10	8	89	10	3
26	87	4	8	89	4	7	91	4	10	93	5	4
27	90	9	0	92	9	10	94	11	0	97	0	6
28	94	1	4	96	3	1	98	5	3	100	7	7
29	97	5	8	99	8	4	101	11	5	104	2	9
30	100	10	0	103	1	7	105	5	7	107	9	10
31	104	2	4	106	6	10	108	11	9	111	5	0
32	107	6	8	110	0	2	112	6	0	115	0	2
33	110	11	0	113	5	5	116	0	2	118	7	3
34	114	3	4	116	10	8	119	6	4	122	2	5
35	117	7	8	120	3	11	123	0	6	125	9	6
36	121	0	0	123	9	2	126	6	9	129	4	8
37	124	4	4	127	2	5	130	0	11	132	11	9
38	127	8	8	130	7	8	133	7	1	136	6	11
39	131	1	0	134	0	11	137	1	3	140	2	0
40	134	5	4	137	6	2	140	7	6	143	9	2

94 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 23 Inches	Side, 23 $\frac{1}{2}$ Inch	Side, 23 $\frac{1}{2}$ Inch	Side, 23 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	3 8 1 Ft. In. Pa.	3 9 0 Ft. In. Pa.	3 10 0 Ft. In. Pa.	3 11 0 Ft. In. Pa.
1	3 8 1	3 9 0	3 10 0	3 11 0
2	7 4 2	7 6 1	7 8 0	7 10 0
3	11 0 3	11 3 1	11 6 0	11 9 0
4	14 8 4	15 0 2	15 4 1	15 8 0
5	18 4 5	18 9 2	19 2 1	19 7 0
6	22 0 6	22 6 3	23 0 1	23 6 0
7	25 8 7	26 3 3	26 10 1	27 5 0
8	29 4 8	30 0 4	30 8 2	31 4 0
9	33 0 9	33 9 5	34 6 2	35 3 0
10	36 8 10	37 6 5	38 4 2	39 2 0
11	40 4 11	41 3 6	42 2 2	43 1 0
12	44 1 0	45 0 6	46 0 3	47 0 0
13	47 9 1	48 9 7	49 10 3	50 11 0
14	51 5 2	52 6 7	53 8 3	54 10 0
15	55 1 3	56 3 8	57 6 3	58 9 0
16	58 9 4	60 0 9	61 4 4	62 8 1
17	62 5 5	63 9 9	65 2 4	66 7 1
18	66 1 6	67 6 10	69 0 4	70 6 1
19	69 9 7	71 3 10	72 10 4	74 5 1
20	73 5 8	75 0 11	76 8 5	78 4 1
21	77 1 9	78 9 11	80 6 5	82 3 1
22	80 9 10	82 7 0	84 4 5	86 2 1
23	84 5 11	86 4 0	88 2 5	90 1 1
24	88 2 0	90 1 1	92 0 6	94 0 1
25	91 10 1	93 10 2	95 10 6	97 11 1
26	95 6 2	97 1 2	99 8 6	101 10 1
27	92 2 3	101 4 3	103 6 6	105 9 1
28	102 10 4	105 1 3	107 4 7	109 8 1
29	106 6 5	108 10 4	111 2 7	113 7 1
30	110 2 6	112 7 4	115 0 7	117 6 1
31	113 10 7	116 4 5	118 10 7	121 5 1
32	117 6 8	120 1 6	122 8 8	125 4 2
33	121 2 9	123 10 6	126 6 8	129 3 2
34	124 10 10	127 7 7	130 4 8	133 2 2
35	128 6 11	131 4 7	134 2 8	137 1 2
36	132 3 0	135 1 8	138 0 9	141 0 2
37	135 11 1	138 10 8	141 10 9	144 11 2
38	139 7 2	142 7 9	145 8 9	148 10 2
39	143 3 3	146 4 9	149 6 9	152 9 2
40	146 11 4	150 1 10	153 4 10	156 8 2

A NEW TABLE OF SOLID MEASURE. 95

Feet long.	Side, 24 Inches squared.	Side, 24 $\frac{1}{2}$ Inch squared.	Side, 24 $\frac{1}{2}$ Inch squared.	Side, 24 $\frac{3}{4}$ Inch squared.
	4 0 0	4 1 0	4 2 0	4 3 0
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	4 0 0	4 1	4 2	4 3
2	8 0 0	8 2	8 4	8 6 1
3	12 0 0	12 3	12 6	12 9 1
4	16 0 0	16 4	16 8 1	17 0 2
5	20 0 0	20 5	20 10 1	21 3 2
6	24 0 0	24 6	25 0 1	25 6 3
7	28 0 0	28 7	29 2 1	29 9 3
8	32 0 0	32 8	33 4 2	34 0 4
9	36 0 0	36 9	37 6 2	38 3 4
10	40 0 0	40 10	41 8 2	42 6 5
11	44	44 11	45 10 2	46 9 6
12	48	49 0	50 0 3	51 0 6
13	52	53 1	54 2 3	55 3 7
14	56	57 2	58 4 3	59 6 7
15	60	61 3	62 6 3	63 9 8
16	64	65 4 1	66 8 4	68 0 9
17	68	69 5 1	70 10 4	72 3 9
18	72	73 6 1	75 0 4	76 6 10
19	76	77 7 1	79 2 4	80 9 10
20	80	81 8 1	83 4 5	85 0 11
21	84	85 9 1	87 6 5	89 3 11
22	88	89 10 1	91 8 5	93 7 0
23	92	93 11 1	95 10 5	97 10 0
24	96	98 0 1	100 0 6	102 1 1
25	100	102 1 1	104 2 6	106 4 2
26	104	106 2 1	108 4 6	110 7 2
27	108	110 3 1	112 6 6	114 10 3
28	112	114 4 1	116 8 7	119 1 3
29	116	118 5 1	120 10 7	123 4 4
30	120	122 6 1	125 0 7	127 7 4
31	124	126 7 1	129 2 7	131 10 5
32	128	130 8 2	133 4 8	136 1 6
33	132	134 9 2	137 6 8	140 4 6
34	136	138 10 2	141 8 8	144 7 7
35	140	142 11 2	145 10 8	148 10 7
36	144	147 0 2	150 0 9	153 1 8
37	148	151 1 2	154 2 9	157 4 8
38	152	155 2 2	158 4 9	161 7 9
39	156	149 3 2	162 6 9	165 10 9
40	160	163 4 2	166 8 10	170 1 10

96 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 25 Inches	Side, 25 $\frac{1}{2}$ Inch	Side, 25 $\frac{1}{2}$ Inch	Side, 25 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	4 4 1 Ft. In. Pa.	4 5 1 Ft. In. Pa.	4 6 2 Ft. In. Pa.	4 7 3 Ft. In. Pa.
1	4 4 1	4 5 1	4 6 2	4 7 3
2	8 8 2	8 10 3	9 0 4	9 2 6
3	13 0 3	13 3 4	13 6 6	13 9 9
4	17 4 4	17 8 6	18 0 9	18 5 0
5	21 8 5	22 1 7	22 6 11	23 0 3
6	26 0 6	26 6 9	27 1 1	27 7 6
7	30 4 7	30 11 10	31 7 3	32 2 9
8	34 8 8	35 5 0	36 1 6	36 10 0
9	39 0 9	39 10 2	40 7 8	41 5 3
10	43 4 10	44 3 3	45 1 10	46 0 6
11	47 8 11	48 8 5	49 8 0	50 7 9
12	52 1 0	53 1 6	54 2 3	55 3 0
13	56 5 1	57 6 8	58 8 5	59 10 3
14	60 9 2	61 11 9	63 2 7	64 5 6
15	65 1 3	66 4 11	67 8 9	69 0 9
16	69 5 4	70 10 1	72 3 0	73 8 1
17	73 9 5	75 3 2	76 9 2	78 3 4
18	78 1 6	79 8 4	81 3 4	82 10 7
19	82 5 7	84 1 5	85 9 6	87 5 10
20	86 9 8	88 6 7	90 3 9	92 1 1
21	91 1 9	92 11 8	94 9 11	96 8 4
22	95 5 10	97 4 10	99 4 1	101 3 7
23	99 9 11	101 9 11	103 10 3	105 10 10
24	104 3 0	106 3 1	108 4 6	110 6 1
25	108 6 1	110 8 3	112 10 8	115 1 4
26	112 10 2	115 1 4	117 4 10	119 8 7
27	117 2 3	119 6 6	121 11 0	124 3 10
28	121 6 4	123 11 7	126 5 3	128 11 1
29	125 10 5	128 4 9	130 11 5	133 6 4
30	130 2 6	132 9 10	135 5 7	138 1 7
31	134 6 7	137 3 0	139 11 9	142 8 10
32	138 10 8	141 8 2	144 6 0	147 4 2
33	143 2 9	146 1 3	149 0 2	151 11 5
34	147 6 10	150 6 5	153 6 4	156 6 8
35	151 10 11	154 11 6	158 0 6	161 1 11
36	156 3 0	159 4 8	162 6 9	165 9 2
37	160 7 1	163 9 9	167 0 11	170 4 5
38	164 11 2	168 2 11	171 7 1	174 11 8
39	169 3 3	172 8 0	176 1 3	179 6 11
40	173 7 4	177 1 2	180 7 6	184 2 2

A NEW TABLE OF SOLID MEASURE. 97

Feet long.	Side, 26 Inches	Side, 26 $\frac{1}{2}$ Inch	Side, 26 $\frac{1}{2}$ Inch	Side, 26 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	4 8 4	4 9 5	4 10 6	4 11 7
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	4 8 4	4 9 5	4 10 6	4 11 7
2	9 4 8	9 6 10	9 9 0	9 11 3
3	14 1 0	14 4 3	14 7 6	14 10 10
4	18 9 4	19 1 8	19 6 1	19 10 6
5	23 5 8	23 11 1	24 4 7	24 10 1
6	28 2 0	28 8 6	29 3 1	29 9 9
7	32 10 4	33 5 11	34 1 7	34 9 4
8	37 6 8	38 3 4	39 0 2	39 9 0
9	42 3 0	43 0 9	43 10 8	44 8 8
10	46 11 4	47 10 2	48 9 2	49 8 2
11	51 7 8	52 7 7	53 7 8	54 7 11
12	56 4 0	57 5 0	58 6 3	59 7 6
13	61 0 4	62 2 5	63 4 9	64 7 2
14	65 8 8	66 11 10	68 3 3	69 6 9
15	70 5 0	71 9 3	73 1 9	74 6 5
16	75 1 4	76 6 9	78 0 4	79 6 1
17	79 9 8	81 4 2	82 10 10	84 5 8
18	84 6 0	86 1 7	87 9 4	89 5 4
19	89 2 4	90 11 0	92 7 10	94 4 11
20	93 10 8	95 8 5	97 6 5	99 4 7
21	98 7 0	100 5 10	102 4 11	104 4 2
22	103 3 4	105 3 3	107 3 5	109 3 10
23	107 11 8	110 0 8	112 1 11	114 3 5
24	112 8 0	114 10 1	117 0 6	119 3 1
25	117 4 4	119 7 6	121 11 0	124 2 9
26	122 0 8	124 4 11	126 9 6	129 2 4
27	126 9 0	129 2 4	131 8 0	134 2 0
28	131 5 4	133 11 9	136 6 7	139 1 7
29	136 1 8	138 9 2	141 5 1	144 1 3
30	140 10 0	143 6 7	146 3 7	149 0 10
31	145 6 4	148 4 0	151 2 1	153 11 6
32	150 2 8	153 1 6	156 0 8	158 11 2
33	154 11 0	157 10 11	160 11 2	163 10 9
34	159 7 4	162 8 4	165 9 8	168 10 5
35	164 3 8	167 5 9	170 8 2	173 10 0
36	169 0 0	172 3 2	175 6 9	178 10 8
37	173 8 4	177 0 7	180 5 3	183 10 3
38	178 4 8	181 10 0	185 3 9	188 9 11
39	183 1 0	186 7 5	190 2 3	193 9 6
40	187 9 4	191 4 10	195 0 10	198 9 2

98 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 27 Inches	Side, 27 $\frac{1}{2}$ Inch	Side, 27 $\frac{1}{2}$ Inch	Side, 27 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	5 0 9 Ft. In. Pa.	5 1 10 Ft. In. Pa.	5 3 0 Ft. In. Pa.	5 4 2 Ft. In. Pa.
1	5 0 9	5 1 10	5 3 0	5 4 2
2	10 1 6	10 3 9	10 6 0	10 8 4
3	15 2 3	15 5 7	15 9 0	16 0 6
4	20 3 0	20 7 6	21 0 1	21 4 8
5	25 3 9	25 9 4	26 3 1	26 8 10
6	30 4 6	30 11 3	31 6 1	32 1 0
7	35 5 3	36 1 1	36 9 1	37 5 2
8	40 6 0	41 3 0	42 0 2	42 9 4
9	45 6 9	46 4 11	47 3 2	48 1 6
10	50 7 6	51 6 10	52 6 2	53 5 8
11	55 8 3	56 8 8	57 9 2	58 9 10
12	60 9 0	61 10 6	63 0 3	64 2 0
13	65 9 9	67 0 5	68 3 3	69 6 2
14	70 10 6	72 2 3	73 6 3	74 10 4
15	75 11 3	77 4 2	78 9 3	80 2 6
16	81 0 0	82 6 1	84 0 4	85 6 9
17	86 0 9	87 7 11	89 3 4	90 10 11
18	91 1 6	92 9 10	94 6 4	96 3 1
19	96 2 3	97 11 8	99 6 4	101 7 3
20	101 3 0	103 1 7	105 0 5	106 11 5
21	106 3 9	108 3 5	110 3 5	112 3 7
22	111 4 6	113 5 4	115 6 5	117 7 9
23	116 5 3	118 7 2	120 9 5	122 11 11
24	121 6 0	123 9 1	126 0 6	128 4 1
25	126 6 9	128 11 0	131 3 6	133 8 3
26	131 7 6	134 0 10	136 6 6	139 0 5
27	136 8 3	139 2 9	141 9 6	144 4 7
28	141 9 0	144 4 7	147 0 7	149 8 9
29	146 9 9	149 6 6	152 3 7	155 0 11
30	151 10 6	154 8 4	157 6 7	160 5 1
31	156 11 3	159 10 3	162 9 7	165 9 3
32	162 0 0	165 0 2	168 0 8	171 1 6
33	167 0 9	170 2 0	173 3 8	176 5 8
34	172 1 6	175 3 11	178 6 8	181 9 10
35	177 2 3	180 5 9	183 9 8	187 2 0
36	182 3 0	185 7 8	189 0 9	192 6 2
37	187 3 9	190 9 6	194 3 9	197 10 4
38	192 4 6	195 11 5	199 6 9	203 2 6
39	197 5 3	201 1 3	204 9 9	208 6 8
40	202 6 0	206 3 2	210 0 10	213 10 10

A NEW TABLE OF SOLID MEASURE. 99

Feet long.	Side, 28 Inches	Side, 28 $\frac{1}{2}$ Inch	Side, 28 $\frac{1}{2}$ Inch	Side, 28 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	5 5 4 Ft. In. Pa.	5 6 6 Ft. In. Pa.	5 7 8 Ft. In. Pa.	5 8 10 Ft. In. Pa.
1	5 5 4	5 6 6	5 7 8	5 8 10
2	10 10 8	11 1 0	11 3 4	11 5 9
3	16 4 0	16 7 6	16 11 0	17 2 7
4	21 9 4	22 2 0	22 6 9	22 11 6
5	27 2 8	27 8 6	28 2 5	28 8 4
6	32 8 0	33 3 0	33 10 1	34 5 3
7	38 1 4	38 9 6	39 5 9	40 2 1
8	43 6 8	44 4 0	45 1 6	45 11 0
9	49 0 0	49 10 6	50 9 2	51 7 11
10	54 5 4	55 5 0	56 4 10	57 4 9
11	59 10 8	60 11 6	62 0 6	63 1 8
12	65 4 0	66 6 0	67 8 3	68 10 6
13	70 9 4	72 0 6	73 3 11	74 7 5
14	76 2 8	77 7 0	78 11 7	80 4 3
15	81 8 0	83 1 6	84 7 3	86 1 2
16	87 1 4	88 8 1	90 3 0	91 10 1
17	92 6 8	94 2 7	95 10 8	97 6 11
18	98 0 0	99 9 1	101 6 4	103 3 10
19	103 5 4	105 3 7	107 2 0	109 0 8
20	101 10 8	110 10 1	112 9 9	114 9 7
21	114 4 0	116 4 7	118 5 5	120 6 5
22	116 9 4	121 11 1	124 1 1	126 3 4
23	125 2 8	127 5 7	129 8 9	132 0 2
24	130 8 0	133 0 1	135 4 6	137 9 1
25	136 1 4	138 6 7	141 0 2	143 6 0
26	141 6 8	144 1 1	146 7 10	149 2 10
27	147 0 0	149 7 7	152 3 6	154 11 9
28	152 5 4	155 2 1	157 11 3	160 8 7
29	157 10 8	160 8 7	163 6 11	166 5 6
30	163 4 0	166 3 1	169 2 7	172 2 4
31	168 9 4	171 9 7	174 10 3	177 11 3
32	174 2 8	177 4 2	180 6 0	183 8 2
33	179 8 0	182 10 8	186 1 8	189 5 0
34	185 1 4	188 5 2	191 9 4	195 1 11
35	190 6 8	193 11 8	197 5 0	200 10 9
36	196 0 0	199 6 2	203 0 9	206 7 8
37	201 5 4	205 0 8	208 8 5	212 4 6
38	206 10 8	210 7 2	214 4 1	218 1 5
39	212 4 0	216 1 8	219 11 9	223 10 3
40	217 9 4	221 8 2	225 7 6	229 7 2

100 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 29 Inches	Side, 29 $\frac{1}{4}$ Inch	Side, 29 $\frac{1}{2}$ Inch	Side, 29 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	5 10 1 Ft. In. Pa.	5 11 3 Ft. In. Pa.	6 0 6 Ft. In. Pa.	6 1 9 Ft. In. Pa.
1	5 10 1	5 11 3	6 0 6	6 1 9
2	11 8 2	11 10 7	12 1 0	12 3 6
3	17 6 3	17 9 10	18 1 6	18 5 3
4	23 4 4	23 9 2	24 2 1	24 7 0
5	29 2 5	29 8 5	30 2 7	30 8 0
6	35 0 6	35 7 9	36 3 1	36 10 6
7	40 10 7	41 7 0	42 3 7	43 0 3
8	46 8 8	47 6 4	48 4 2	49 2 0
9	52 6 9	53 5 8	54 4 8	55 3 9
10	58 4 10	59 4 11	60 5 2	61 5 6
11	64 2 11	65 4 3	66 5 8	67 7 3
12	70 1 0	71 3 6	72 6 3	73 9 0
13	75 11 1	77 2 10	78 6 9	79 10 9
14	81 9 2	83 2 1	84 7 3	86 0 6
15	87 7 3	89 1 5	90 7 9	92 2 3
16	93 5 4	95 0 9	96 8 4	98 4 1
17	99 3 5	101 0 0	102 8 10	104 5 10
18	105 1 6	106 11 4	108 9 4	110 7 7
19	110 11 7	112 10 7	114 9 10	116 9 4
20	116 0 8	118 9 11	120 10 5	122 11 1
21	122 7 9	124 9 4	126 10 11	129 0 10
22	128 5 10	130 8 6	132 11 5	135 2 7
23	134 3 11	136 7 9	138 11 11	141 4 4
24	140 2 0	142 7 1	145 0 6	147 6 1
25	146 0 1	148 6 5	151 1 0	153 7 10
26	151 10 2	154 5 8	157 1 6	159 9 7
27	157 8 3	160 5 0	163 2 0	165 11 4
28	163 6 4	166 4 3	169 2 7	172 1 1
29	169 4 5	172 3 7	175 3 1	178 2 10
30	175 2 6	178 2 10	181 3 7	184 4 7
31	181 0 7	184 2 2	187 4 1	190 6 4
32	186 10 8	190 1 6	193 4 8	196 8 2
33	192 8 9	196 0 9	199 5 2	202 9 11
34	198 6 10	202 0 1	205 5 8	208 11 8
35	204 4 11	207 11 4	211 6 2	215 1 5
36	210 3 0	213 10 8	217 6 9	221 3 2
37	216 1 1	219 9 11	223 7 3	227 4 11
38	221 11 2	225 9 3	229 7 9	233 6 8
39	227 9 3	231 8 6	235 8 3	239 8 5
40	233 7 4	237 7 10	241 8 10	245 10 2

A NEW TABLE OF SOLID MEASURE. 101

Feet Long.	Side, 30 inches	Side, 30 $\frac{1}{2}$ Inch	Side, 30 $\frac{1}{2}$ Inch	Side, 30 $\frac{1}{2}$ Inch
	squared.	squared.	squared.	squared.
	6 3 0 Ft. In. Pa.	6 4 3 Ft. In. Pa.	6 5 6 Ft. In. Pa.	6 6 9 Ft. In. Pa.
1	6 3 0	6 4 3	6 5 6	6 6 9
2	12 6 0	12 8 9	12 11 0	13 1 7
3	18 9 0	19 0 9	19 4 6	19 8 4
4	25 0 0	25 5 0	25 10 1	26 3 2
5	31 3 0	31 9 3	32 3 7	32 9 11
6	37 6	38 1 6	38 9 1	39 4 9
7	43 9	44 5 9	45 2 7	45 11 6
8	50 0	50 10 0	51 8 2	52 6 4
9	56 3	57 2 3	58 1 8	59 1 2
10	62 6	63 6 6	64 7 2	65 7 11
11	68 9	69 10 9	71 0 8	72 2 10
12	75 0	76 3 0	77 6 3	78 9 6
13	81 3	82 7 3	83 11 9	85 4 4
14	87 6	88 11 6	90 5 3	91 11 1
15	93 9	95 3 9	96 10 9	98 5 11
16	100 0	101 8 1	103 4 4	105 0 9
17	106 3	108 0 4	109 9 10	111 7 6
18	112 6	114 4 7	116 3 4	118 2 4
19	118 9	120 8 10	122 8 10	124 9 1
20	125 0	127 1 1	129 2 5	131 3 11
21	131 3	133 5 4	135 7 11	137 10 8
22	137 6	139 9 7	142 1 5	144 5 6
23	143 9	146 1 10	148 6 11	151 0 3
24	150 0	152 6 1	155 0 6	157 7 1
25	155 3	158 10 4	161 6 0	164 1 11
26	162 6	165 2 7	167 11 6	170 8 8
27	168 9	171 6 10	174 5 0	177 3 6
28	175 0	177 11 1	180 10 7	183 10 3
29	181 3	184 3 4	187 4 1	190 5 1
30	187 6	190 7 7	193 9 7	196 11 10
31	193 9	196 11 10	200 3 1	203 0 8
32	200 0	203 4 2	206 8 8	210 1 1
33	206 3	209 8 5	213 2 2	216 8 8
34	212 6	216 0 8	219 7 8	223 3 3
35	218 9	222 4 11	226 1 2	229 9 10
36	225 0	228 9 2	232 6 9	236 4 8
37	231 3	235 1 5	239 0 3	242 11 5
38	237 6	241 5 8	245 5 9	249 6 3
39	243 9	247 9 11	251 11 3	256 1 0
40	250 0	254 2 2	258 4 10	262 7 10

102 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 31 Inches	Side, 31 $\frac{1}{2}$ Inch	Side, 31 $\frac{1}{2}$ Inch	Side, 31 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	6 8 1 Ft. In. Pa.	6 9 4 Ft. In. Pa.	6 10 8 Ft. In. Pa.	7 0 0 Ft. In. Pa.
1	6 8 1	6 9 4	6 10 8	7 0 0
2	13 4 2	13 6 9	13 9 4	14
3	20 0 3	20 4 1	20 8 0	21
4	26 8 4	27 1 6	27 6 9	28
5	33 4 5	33 10 10	34 5 5	35
6	40 0 6	40 8 3	41 4 1	42
7	46 8 7	47 5 7	48 2 9	49
8	53 4 8	54 3 0	55 1 6	56
9	60 0 9	61 0 5	62 0 2	63
10	66 8 10	67 9 9	68 10 10	70
11	73 4 11	71 7 2	75 9 6	77
12	80 1 0	81 4 6	82 8 3	84
13	86 9 1	88 1 11	89 6 11	91
14	93 5 2	94 11 3	95 5 7	98
15	100 1 3	101 8 8	103 4 3	105
16	106 9 4	108 6 1	110 3 0	112 0 1
17	113 5 5	115 3 5	117 1 8	119 0 1
18	120 1 6	122 0 10	124 0 4	126 0 1
19	126 9 7	128 10 2	130 11 0	133 0 1
20	133 5 8	135 7 7	137 9 9	140 0 1
21	140 1 9	142 4 11	144 8 5	147 0 1
22	146 9 10	149 2 4	151 7 1	154 0 1
23	153 5 11	155 11 8	158 5 9	161 0 1
24	160 2 0	162 9 1	165 4 6	168 0 1
25	166 10 1	169 6 6	172 3 2	175 0 1
26	173 6 2	176 3 10	179 1 10	182 0 1
27	180 2 3	183 1 3	186 0 6	189 0 1
28	186 10 4	189 10 7	192 11 3	196 0 1
29	193 6 5	196 8 0	199 9 11	203 0 1
30	200 2 6	203 5 4	206 8 7	210 0 1
31	200 10 7	210 2 9	213 7 3	217 0 1
32	213 6 8	217 0 2	220 6 0	224 0 2
33	220 2 9	223 9 6	227 4 8	231 0 2
34	226 10 10	230 6 11	234 3 4	238 0 2
35	233 6 11	227 4 3	241 2 0	245 0 2
36	240 3 0	244 1 8	248 0 9	252 0 2
37	246 11 1	250 11 0	254 11 5	259 0 2
38	253 7 2	257 8 1	261 10 1	266 0 2
39	260 3 3	264 5 9	268 8 9	273 0 2
40	266 11 4	271 3 2	275 7 6	280 0 2

A NEW TABLE OF SOLID MEASURE. 103

Feet long.	Side, 32 Inches squared.			Side, 32 $\frac{1}{4}$ Inch squared.			Side, 32 $\frac{1}{2}$ Inch squared.			Side, 32 $\frac{3}{4}$ Inch squared.		
	7 1 4			7 2 8			7 4 0			7 5 4		
	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.	Ft.	In.	Pa.
1	7	1	4	7	2	8	7	4	0	7	5	4
2	14	2	8	14	5	4	14	8	0	14	10	9
3	21	4	0	21	8	0	22	0	0	22	4	1
4	28	5	4	28	10	8	29	4	1	29	9	6
5	35	6	8	36	1	4	36	8	1	37	2	10
6	42	8	0	43	4	0	44	0	1	44	8	3
7	49	9	4	50	6	8	51	4	1	52	1	7
8	56	10	8	57	9	4	58	8	2	59	7	0
9	64	0	0	65	0	0	66	0	2	67	0	5
10	71	1	4	72	2	8	73	4	2	74	5	9
11	78	2	8	79	5	4	80	8	2	81	11	2
12	85	4	0	86	8	0	88	0	3	86	4	6
13	92	5	4	92	10	8	95	4	3	96	9	11
14	99	6	8	101	1	4	102	8	3	104	3	3
15	106	8	0	108	4	0	110	0	3	111	8	8
16	113	9	4	115	6	9	117	8	4	119	2	1
17	120	10	8	122	9	5	124	4	4	126	7	5
18	128	0	0	130	0	1	132	0	4	134	0	10
19	135	1	4	137	2	9	139	8	4	141	6	2
20	142	2	8	144	5	5	146	4	5	148	11	7
21	149	4	0	151	8	1	154	0	5	156	4	11
22	156	5	4	158	10	9	161	4	5	163	10	4
23	163	6	8	166	1	5	168	8	5	171	3	8
24	170	8	0	173	4	1	176	0	6	178	9	1
25	177	9	4	180	6	9	183	4	6	186	2	6
26	184	10	8	187	9	5	190	8	6	193	7	10
27	192	0	0	195	0	1	198	0	6	201	1	3
28	199	1	4	202	2	9	205	4	7	208	6	7
29	206	2	8	209	5	5	212	8	7	216	0	0
30	213	4	0	216	8	1	220	0	7	223	5	4
31	220	5	4	223	10	9	227	4	7	230	10	9
32	227	6	8	231	1	6	234	8	8	238	4	2
33	234	8	0	238	4	2	242	0	8	245	9	6
34	241	9	4	245	6	10	249	4	8	253	2	11
35	248	10	8	252	9	6	256	8	8	260	8	3
36	256	0	0	260	0	2	264	0	9	268	1	8
37	263	1	4	267	2	10	271	4	9	275	7	0
38	270	2	8	274	5	6	278	8	9	283	0	5
39	277	4	0	281	8	2	286	0	9	290	5	9
40	284	5	4	288	10	10	293	4	10	297	11	2

104 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 33 Inches	Side, 33 $\frac{1}{4}$ Inch	Side, 33 $\frac{1}{2}$ Inch	Side, 33 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	7 6 9 Ft. In. Pa.	7 8 1 Ft. In. Pa.	7 9 6 Ft. In. Pa.	7 10 11 Ft. In. Pa.
1	7 6 9	7 8 1	7 9 6	7 10 11
2	15 1 6	15 4 3	15 7 0	15 9 10
3	22 8 3	23 0 4	23 4 6	23 8 9
4	30 3 0	30 8 6	31 2 1	31 7 8
5	37 9 9	38 4 7	38 11 7	39 6 7
6	45 4 6	46 0 9	46 9 1	47 5 6
7	52 11 3	53 8 10	54 6 7	55 4 5
8	60 6 0	61 4 0	62 4 2	63 3 4
9	68 0 9	69 1 2	70 1 8	71 2 3
10	75 7 6	76 9 3	77 11 2	79 1 2
11	82 2 3	84 5 5	85 8 8	87 0 1
12	90 9 0	92 1 6	93 6 3	94 11 0
13	98 3 9	99 8 8	101 3 9	102 9 11
14	105 10 6	107 5 9	109 1 3	110 8 10
15	113 5 3	115 1 11	116 10 9	118 7 6
16	121 0 0	122 10 1	124 8 4	126 6 9
17	128 6 9	130 6 2	132 5 10	134 5 8
18	136 1 6	138 2 4	140 3 4	142 4 7
19	143 8 3	145 10 5	148 0 10	150 3 6
20	151 3 0	153 6 7	155 10 5	158 2 5
21	158 9 9	161 2 8	163 7 11	166 1 4
22	166 4 6	168 10 10	171 5 5	174 0 3
23	173 11 3	176 6 11	179 2 11	181 11 2
24	181 6 0	184 3 1	187 0 6	189 10 1
25	189 0 9	191 11 3	194 10 0	197 9 0
26	196 7 6	199 7 4	202 7 6	205 7 11
27	204 2 3	207 3 6	210 5 0	213 6 10
28	211 9 0	214 11 7	218 2 7	221 5 9
29	219 3 9	222 7 9	226 0 1	229 4 8
30	226 10 6	230 3 10	233 9 7	237 3 7
31	234 5 3	238 0 0	241 7 1	245 2 6
32	242 0 0	245 8 2	249 4 8	253 1 6
33	249 6 9	253 4 3	257 2 2	261 0 5
34	257 1 6	261 0 5	264 11 8	268 11 4
35	264 8 3	268 8 6	272 9 2	276 10 3
36	272 3 0	276 4 8	280 6 9	284 9 2
37	279 9 9	284 0 9	288 4 3	292 8 1
38	287 4 6	291 8 11	296 1 9	300 7 0
39	294 11 3	299 5 0	303 11 3	308 5 11
40	302 6 0	307 1 2	311 8 10	316 4 10

A NEW TABLE OF SOLID MEASURE. 105

Feet long.	Side, 34 Inches	Side, 34 $\frac{1}{4}$ Inch	Side, 34 $\frac{1}{2}$ Inch	Side, 34 $\frac{3}{4}$ Inch
	squared.	squared.	squared.	squared.
	8 0 4	8 1 9	8 3 2	8 4 7
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	8 0 4	8 1 9	8 3 2	8 4 7
2	16 0 8	16 3 6	16 6 4	16 9 3
3	24 1 0	24 5 3	24 9 6	25 1 10
4	32 1 4	32 7 0	33 0 9	33 6 6
5	40 1 8	40 8 9	41 3 11	41 11 1
6	48 2 0	48 10 6	49 7 1	50 3 9
7	56 2 4	57 0 3	57 10 3	58 8 4
8	64 2 8	65 2 0	66 1 6	67 1 0
9	72 3 0	73 3 9	74 4 8	75 5 8
10	80 3 4	81 5 6	82 7 10	83 10 3
11	88 3 8	89 7 3	90 11 0	92 2 11
12	96 4 0	97 9 0	99 2 3	100 7 6
13	104 4 4	105 10 9	107 5 5	109 0 2
14	112 4 8	114 0 6	115 8 7	117 4 9
15	120 5 0	122 2 3	123 11 9	125 9 5
16	128 5 4	130 4 1	132 3 0	134 2 1
17	136 5 8	138 5 10	140 6 2	142 6 8
18	144 6 0	146 7 7	148 9 4	150 11 4
19	152 6 4	154 9 4	157 0 6	159 3 11
20	160 6 8	162 11 1	165 3 9	167 0 7
21	168 7 0	171 0 10	173 6 11	176 1 2
22	176 7 4	179 2 7	181 10 1	184 5 10
23	184 7 8	187 4 4	190 1 3	192 10 5
24	192 8 0	195 6 1	198 4 6	201 3 1
25	200 8 4	203 7 10	206 7 8	209 7 9
26	208 8 8	211 9 7	214 10 10	218 0 4
27	216 9 0	219 11 4	223 2 0	226 5 0
28	224 9 4	228 1 1	231 5 3	234 9 7
29	232 9 8	236 2 10	239 8 5	243 2 3
30	240 10 0	244 4 7	247 11 7	251 6 10
31	248 10 4	252 6 4	256 2 9	259 11 6
32	256 10 8	260 8 2	264 6 0	268 4 2
33	264 11 0	268 9 11	272 9 2	276 8 9
34	272 11 4	276 11 8	281 0 4	285 1 5
35	280 11 8	285 1 5	289 3 6	293 6 0
36	289 0 0	293 3 2	297 6 9	301 10 8
37	297 0 4	301 4 11	305 9 11	310 3 3
38	305 0 8	309 6 8	314 1 1	318 7 11
39	313 1 0	317 8 5	322 4 3	327 0 6
40	321 1 4	325 10 2	330 7 6	335 5 2

106 A NEW TABLE OF SOLID MEASURE.

Feet long.	Side, 35 Inches squared.	Side, 35 $\frac{1}{4}$ Inch squared.	Side, 35 $\frac{1}{2}$ Inch squared.	Side, 35 $\frac{3}{4}$ Inch squared.
	8 6 1	8 7 6	8 9 0	8 10 6
	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.	Ft. In. Pa.
1	8 6 1	8 7 6	8 9 0	8 10 6
2	17 0 2	17 3 1	17 6 0	17 9 0
3	25 6 3	25 10 7	26 3 0	26 7 6
4	34 0 4	34 6 2	35 0 1	35 6 0
5	42 6 5	43 1 8	43 9 1	44 4 6
6	51 0 6	51 9 3	52 6 1	53 3 0
7	59 6 7	60 4 9	61 3 1	62 1 6
8	68 0 8	69 0 4	70 0 2	71 0 0
9	76 6 9	77 7 11	78 9 2	79 10 6
10	85 0 10	86 3 5	87 6 2	88 9 0
11	93 6 11	94 11 0	96 3 2	97 7 6
12	102 1 0	103 6 6	105 0 3	106 6 0
13	110 7 1	112 2 1	113 9 3	115 4 6
14	119 1 2	120 9 7	122 6 3	124 3 0
15	127 7 3	129 5 2	121 3 3	133 1 6
16	136 1 4	138 0 9	140 0 4	142 0 1
17	144 7 5	146 8 3	148 9 4	150 10 7
18	153 1 6	155 3 10	157 6 4	159 9 1
19	161 7 7	163 11 4	166 3 4	168 7 7
20	170 1 8	172 6 11	175 0 5	177 6 1
21	178 7 9	181 2 5	183 9 5	186 4 7
22	187 1 10	189 10 0	192 6 5	195 3 1
23	195 7 11	198 5 6	201 3 5	204 1 7
24	204 2 0	207 1 1	210 0 6	213 0 1
25	212 8 1	215 8 8	218 9 6	221 10 7
26	221 2 2	224 4 2	227 6 6	230 9 1
27	229 8 3	232 11 9	236 3 6	239 7 7
28	238 2 4	241 7 3	245 0 7	248 6 1
29	246 8 5	250 2 10	253 9 7	257 4 7
30	255 2 6	258 10 4	262 6 7	266 3 1
31	263 8 7	267 5 11	271 3 7	275 1 7
32	272 2 8	276 1 6	280 0 8	284 0 2
33	280 8 9	284 9 0	288 9 8	292 10 8
34	289 2 10	293 4 7	297 6 8	301 9 2
35	297 8 11	302 0 1	306 3 8	310 7 8
36	306 3 0	310 7 8	315 0 9	319 6 2
37	314 9 1	319 3 2	323 9 9	328 4 8
38	323 3 2	327 10 9	332 6 9	337 2 3
39	331 9 3	336 6 3	341 3 9	346 1 8
40	340 3 4	345 1 10	350 0 10	355 0 2

A NEW TABLE OF SOLID MEASURE 107

Feet long	Side, 36 Inch. Squared.
	9 Fr. In. Pa.
1	9 0 0
2	18
3	27
4	36
5	45
6	54
7	63
8	72
9	81
10	90
11	99
12	108
13	117
14	126
15	135
16	144
17	153
18	162
19	171
20	180
21	189
22	198
23	207
24	216
25	225
26	234
27	243
28	252
29	261
30	270
31	279
32	288
33	297
34	306
35	315
36	324
37	333
38	342
39	351
40	360

The Explanation and Use of the preceding TABLE of Solid Measure.

THIS Table begins with 2 Inches for the Side of the Square, and by the continual Addition of a Quarter of an Inch extends to 36 Inches, the Side of the Square; which 2 Inches, &c. for the Side of the Square, or one Fourth of the Circumference, is to be sought for on the Top of the Columns in every Page.

The first Column to the Left Hand in every Page shews the Length in Feet, from 1 Foot to 40, and of such a Piece of Timber or Stone whose Side of the Square, Girt or Quarter of the Circumference is set down at the Top.

The three Rows of Figures in every Column under Ft. In. Pa. is the solid Content in Feet, Inches, and 12th Parts of an Inch, answering to every Foot in Length in the Left Hand, under that Denomination.

Immediately under the Side of the Square, on the Top of the Table, you have the Side squared in Feet, Inches, and Parts, whose Use will be hereafter described.

Example 1.

What is the solid Content of a Piece of Timber, or Stone, whose Length is 20 Feet; and the Side of the Square, or Quarter of the Girt, 9 Inches?

FIRST, At the Top of the Table seek for 9 Inches, the Side of the Square, and in the Left Hand Column for 20 Feet in Length, right against which, in the Angle of meeting you have 11 3 0, which is 11 Feet, 3 Inches, equal to 11 Feet and a Quarter, the Content sought.

Example 2.

What is the solid Content of a Piece of Timber or Stone, whose Length is 35 Feet, and the Side of the Square or Girt 16 Inches and a Quarter?

Seek for 16 Inches $\frac{1}{4}$ at the Top of the Table, and for 35 Feet in the first Column to the Left, and in the Angle of meeting is 64 2 2, viz: 64 Feet, 2 Inches, and 2 Twelfths of an Inch.

Example 3.

What is the solid Content of a Piece of Timber or Stone that is unequal sided, and whose Sides are 4 Inches by 9, and the Length 18 Feet?

In this, and all other Cases of the like Nature, observe this RULE: Multiply the two Sides together, and seek the Product on the Top of the Table, immediately under *squared*, or if you cannot find it exactly, take the nearest Number to it, and the Figures over it is the square Root of that Number, which is a mean Proportion between the two unequal Sides given, and therefore consequently in the same Column against the Length, you have the true Content of any Piece of Timber or Stone, the same as if it were a square Piece.

In the above Example, the two Sides given are 4 by 9, therefore say 4 Times 9 is 36, which 36 seek at the Top, as before directed, which you will find in PAGE 77, under 6 Inches, which is the true Square of 36; and against 18 Feet the Length, stands 4 6 0, viz. 4 Feet, 6 Inches or a Half, the Content required.

Example 4.

What is the solid Content of a Piece of squared Timber or Stone, whose Sides are $8\frac{1}{2}$ by $16\frac{1}{2}$, and the Length 9 Feet?

FIRST, Multiply the two given Sides, viz $8\frac{1}{2}$ by $16\frac{1}{2}$, by the Rule laid down in PAGE 59. CASE II. as follows.

F. I. P.				
1	4	6		
		0	8	6
<hr/>				
		8	3	0
	11	0	0	
<hr/>				
	11	8	3	0
			9	
<hr/>				
	8	9	2	3

The Product of the two Sides.

The Length.

The true Content:

The

The Product of the two sides is 11 Inches, 8 Parts, and 3 Seconds, the nearest Square Root of which, is 11 Inches $\frac{3}{4}$, which squared, is 138 Inches, or 11 Inches, 6 Parts, as you will find in PAGE 82, under 11 $\frac{3}{4}$, immediately under Ft. In. Pa. right under which, against 9 Foot the Length, stands 8 7 6, viz. 8 Feet, 7 Inches, and 6 Parts for the Content; which is somewhat less than the Truth, by reason the above Product of 11 8 3 cannot be exactly squared, as being a furd Number; but as there is but little Difference from the Truth in the Content, it is not very material in measuring of Timber or Stone, as will appear by observing the above Operation, where the Length 9 Feet, is multiplied into the Product of two Sides, and the true Content produced, which is 8 Feet, 9 Inches, 2 Parts, and 3 Seconds, which is about one Inch and a Half Difference.

NOTE, That when you cannot find the Product of the Multiplication of the two Sides of any Piece of Timber, &c. or very near it immediately under *squared*, seek it in the first Row of Figures immediately under Ft. In. Pa. and there you will be sure to find it, or the nearest square Number that is possible to be found.

Having now, I think, sufficiently shewn the Use of the Table in measuring of either square, unequal-sided, or round Timber, or Stone, I shall now shew how to measure the same arithmetically.

It is customary, in measuring of round Timber, if a Tree is regularly taper from Bottom to Top, to girt the Tree in the Middle with a String, for a mean Circumference between the two Ends; then they double the String four Times, and take that of the Girt, or one Side of the Square, so that if a Tree be four Foot in Circumference, the Girt or side of the Square is one Foot; but if a Tree be irregular shaped, that is, does not hold its Bigness regularly, then they measure it at twice or thrice, according as it falls off, and add all the several Measurements together for the Content of the whole.

The Dimensions being taken, you may measure Timber by either of these three Rules.

FIRST, Square the Girt, that is, multiply it into itself, and that Product by the Length, and divided by 144, and the Quotient is the Content.

SECONDLY, Multiply the Square of the Girt by the Length, and that Product by 12, and divide that last Product by 1728, the cubical Inches in a Foot, and the Quotient is the Content in Feet.

THIRDLY, By Duodecimal Arithmetic, as in Page 59, square the Girt, and multiply the Product by the Length, and the last Product is the Content,

An Example wrought by all three of the Ways.

What is the solid Content of a Piece of Timber 16 Inches girt, and 8 Feet long?

	Second,	
	16	
	16	
	<hr/>	
First,	96	
16	16	
16	<hr/>	
		Third.
		P. I. P.
96	The 256 Square of	1 4
16	8 the Girt.	1 4
<hr/>		<hr/>
256	2048	5 4
8 Length.	12	1 4
<hr/>	<hr/>	<hr/>
144)2048(14 Feet.	4096	1 9 4
144	2048	8 Length.
<hr/>	<hr/>	<hr/>
608	1728)24576(14 Feet.	14 2 8 Content.
576	1728	
<hr/>	<hr/>	
32 Remains	7296	
	6912	
	<hr/>	
	384 Remains.	

By the first Way the Content is 14 Feet, and 32 Inches remaining.

By the Second, 14 Feet, 384 Inches remain.

By the Third, 14 2 8, the same as by the Table in Page 87.

The last Method is the nearest, best, and most expeditious Way of measuring by the Pen.

A

N E W T A B L E

O F

Superficial, or Flat Measure.

Ready cast up, for finding the superficial Content of any Quantity of Board, Glafs, &c. from 1 Inch to 24, the Breadth ; and from 1 Inch to 30 Feet, the Length ; and therefore by Addition only may serve to any greater Breadth or Length.

A N E W

Length	1 Inch broad.				1 1/2 Inch broad.				Length	1 1/2 Inch broad.				1 3/4 Inch broad.			
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.
Inches long.	1	0	0	1	0	0	1	3	1	0	0	1	6			1	9
	2			2			2	6	2			3	0			3	6
	3			3			3	9	3			4	6			5	3
	4			4			4	0	4			6	0			7	0
	5			5			5	3	5			7	6			8	9
	6			6			6	6	6			9	0		10	6	
	7			7			7	9	7			10	6		1	0	3
	8			8			8	0	8		1	0	0		1	2	0
	9			9			9	3	9		1	1	6		1	3	9
	10			10			10	6	10		1	3	0		1	5	6
	11			11			11	9	11		1	4	6		1	7	3
Feet long.	1	0	1	0	0	1	3	0	1	0	1	6	0	1	9	0	
	2	0	2	0	0	2	6		2	0	3	0		3	6		
	3	0	3	0		3	9		3	0	4	6		5	3		
	4		4			5	0		4	0	6	0		7	0		
	5		5			6	3		5	0	7	6		8	9		
	6		6			7	6		6	0	9	0		10	6		
	7		7			8	9		7	0	10	6		1	0	3	
	8		8			10	0		8	1	0	0		1	2	0	
	9		9			11	3		9	1	1	6		1	3	9	
	10		10			1	0	6	10	1	3	0		1	5	6	
	11		11			1	1	9	11	1	4	6		1	7	3	
	12	1	0			1	3	0	12	1	6	0	6	1	9	0	
	13	1	1			1	4	3	13	1	7	6		1	10	9	
	14	1	2			1	5	6	14	1	9	0		2	0	6	
	15	1	3			1	6	9	15	1	10	6		2	2	3	
	16	1	4			1	8	0	16	2	0	0	6	2	4	0	
	17	1	5			1	9	3	17	2	1	6		2	5	9	
	18	1	6			1	10	6	18	2	3	0		2	7	6	
	19	1	7			1	11	9	19	2	4	6		2	9	3	
	20	1	8			2	1	0	20	2	6	0	6	2	11	0	
	21	1	9			2	2	3	21	2	7	6		3	0	9	
	22	1	10			2	3	6	22	2	9	0		3	2	6	
	23	1	11			2	4	9	23	2	10	6		3	4	3	
	24	2	0			2	6	0	24	3	0	0	6	3	6	0	
	25	2	1			2	7	3	25	3	1	6		3	7	9	
	26	2	2			2	8	6	26	3	3	0		3	9	6	
	27	2	3			2	9	9	27	3	4	6		3	11	3	
	28	2	4			2	11	0	28	3	6	0	6	4	1	0	
	29	2	5			3	0	3	29	3	7	6		4	2	9	
	30	2	6			3	1	6	30	3	9	0		4	4	6	

Length	2 Inches broad.				2 $\frac{1}{2}$ Inches broad.				Length	2 $\frac{1}{2}$ Inches broad.				2 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.
Inches long.	1	0	0	2 0	0	0	2	3	1				2 6				2 9
	2			4			4	6	2				5 0				5 6
	3			6			6	9	3				7 6				8 3
	4			8			9	0	4				10 0				11 0
	5			10			11	3	5				1 0 6				1 1 9
	6			1 0			1	1 6	6				1 3 0				1 4 6
	7			1 2			1	3 9	7				1 5 6				1 7 3
	8			1 4			1	6 0	8				1 8 0				1 10 0
	9			1 6			1	8 3	9				1 10 6				2 0 9
	10			1 8			1	10 6	20				2 1 0				2 3 6
	11			1 10			2	0 9	11				2 3 6				2 6 3
Feet long.	1	0	2	0			2	3 0	1				2 6 0				2 9 0
	2			4			4	6	2				5 0				5 6
	3			6			6	9	3				7 6				8 3
	4			8			9	0	4				10 0				11 0
	5	0	10				11	3	5				1 0 6				1 1 9
	6	1	0				1	1 6	6				1 3 0				1 4 6
	7	1	2				1	3 9	7				1 5 6				1 7 3
	8	1	4				1	6 0	8				1 8 0				1 10 0
	9	1	6				1	8 3	9				1 10 6				2 0 9
	10	1	8				1	10 6	10				2 1 0				2 3 6
	11	1	10				2	0 9	11				2 3 6				2 6 3
	12	2	0				2	3 0	12				2 6 0				2 9 0
	13	2	2				2	5 3	13				2 8 6				2 11 9
	14	2	4				2	7 6	14				2 11 0				3 2 6
	15	2	6				2	9 9	15				3 1 6				3 5 3
	16	2	8				3	0 0	16				3 4 0				3 8 0
	17	2	10				3	2 3	17				3 6 6				3 10 9
	18	3	0				3	4 6	18				3 9 0				4 1 6
	19	3	2				3	6 9	19				3 11 6				4 4 3
	20	3	4				3	9 0	20				4 2 0				4 7 0
	21	3	6				3	11 3	21				4 4 6				4 9 9
	22	3	8				4	1 6	22				4 7 0				5 0 6
	23	3	10				4	3 9	23				4 9 6				5 3 3
	24	4	0				4	6 0	24				5 0 0				5 6 0
	25	4	2				4	8 3	25				5 2 6				5 8 9
	26	4	4				4	10 6	26				5 5 0				6 1 6
	27	4	6				5	0 9	27				5 7 6				6 2 3
	28	4	8				5	3 0	28				5 10 0				6 5 0
	29	4	10				5	5 3	29				6 0 6				6 7 9
	30	5	0				5	7 6	30				6 3 0				6 10 6

114 A NEW TABLE OF FLTA MEASURE.

Length	3 Inches broad.				3 $\frac{1}{2}$ Inches broad.				Length	3 $\frac{1}{2}$ Inches broad.				3 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.
Inches long.	1	0	0	3 0				3 3	1	0	0	3 6				3 9	
	2			6 0				6 6	2			7 0				7 6	
	3			9 0				9 9	3			10 6				11 3	
	4	1	0		1	1	0		4	1	2	0		1	3	0	
	5	1	3		1	4	3		5	1	5	6		1	6	9	
	6	1	6		1	7	6		6	1	9	0		1	10	6	
	7	1	9		1	10	9		7	2	0	6		2	2	3	
	8	2	0		2	2	0		8	2	4	0		2	6	0	
	9	2	3		2	5	3		6	2	7	6		2	9	9	
	10	2	6		2	8	6		10	2	11	0		3	1	6	
	11	2	9		2	11	9		11	3	2	6		3	5	3	
Feet long.	1		3	0		3	3	0	1		3	6	0		3	9	0
	2		6			6	6		2		7	0			7	6	
	3		9			9	9		3		10	6			11	3	
	4	1	0		1	1	0		4	1	2	0		1	3	0	
	5	1	3		1	4	3		5	1	5	6		1	6	9	
	6	1	6		1	7	6		6	1	9	0		1	10	6	
	7	1	9		1	10	9		7	2	0	6		2	2	3	
	8	2	0		2	2	0		8	2	4	0		2	6	0	
	9	2	3		2	5	3		9	2	7	6		2	9	9	
	10	2	6		2	8	6		10	2	11	0		3	1	6	
	11	2	9		2	11	9		11	3	2	6		3	5	3	
	12	3	0		3	3	0		12	3	6	0		3	9	0	
	13	3	3		3	6	3		13	3	9	6		4	0	9	
	14	3	6		3	9	6		14	4	1	0		4	4	6	
	15	3	9		4	0	9		15	4	4	6		4	8	3	
	16	4	0		4	4	0		16	4	8	0		5	0	0	
	17	4	3		4	7	3		17	4	11	6		5	3	9	
	18	4	6		4	10	6		18	5	3	0		5	7	6	
	19	4	9		5	1	9		19	5	6	6		5	11	3	
	20	5	0		5	5	0		20	5	10	0		6	3	0	
	21	5	3		5	8	3		21	6	1	6		6	6	9	
	22	5	6		5	11	6		22	6	5	0		6	10	6	
	23	5	9		6	2	9		23	6	8	6		7	2	3	
	24	6	0		6	6	0		24	7	0	0		7	6	0	
	25	6	3		6	9	3		25	7	3	6		7	9	9	
	26	6	6		7	0	6		26	7	7	0		8	1	6	
	27	6	9		7	3	9		27	7	10	6		8	5	3	
	28	7	0		7	7	0		28	8	2	0		8	9	0	
	29	7	3		7	10	3		29	8	5	6		9	0	9	
	30	7	6		8	1	6		30	8	9	0		9	4	6	

A NEW TABLE OF FLAT MEASURE. 115

Length	4 Inches broad.				Length	4 $\frac{1}{2}$ Inches broad.				Length	4 $\frac{1}{2}$ Inches broad.			
	F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.
1	0	0	4	0	1	0	0	4	6	1	0	0	4	9
2			8		2			9	0	2			9	6
3		1	0		3		1	1	6	3		1	2	3
4		1	4		4		1	6	0	4		1	7	0
5		1	8		5		1	10	6	5		1	11	9
6		2	0		6		2	3	0	6		2	4	6
7		2	4		7		2	7	6	7		2	9	3
8		2	8		8		3	0	0	8		3	2	0
9		3	0		9		3	4	6	9		3	6	9
10		3	4		10		3	9	0	10		3	11	6
11		3	8		11		4	1	6	11		4	4	3
1		4	0		1		4	6	0	1		4	9	0
2		4	8		2		9	0		2		9	6	
3	1	0			3	1	1	6		3	1	2	3	
4	1	4			4	1	6	0		4	1	7	0	
5	1	8			5	1	10	6		5	1	11	9	
6	2	0			6	2	3	0		6	2	4	6	
7	2	4			7	2	7	6		7	2	9	3	
8	2	8			8	3	0	0		8	3	2	0	
9	3	0			9	3	4	6		9	3	6	9	
10	3	4			10	3	9	0		10	3	11	6	
11	3	8			11	4	1	6		11	4	4	3	
12	4	0			12	4	6	0		12	4	9	0	
13	4	4			13	4	10	6		13	5	0	9	
14	4	8			14	5	3	0		14	5	5	6	
15	5	0			15	5	7	6		15	5	10	3	
16	5	4			16	6	0	0		16	6	3	0	
17	5	8			17	6	4	6		17	6	7	9	
18	6	0			18	6	9	0		18	7	0	6	
19	6	4			19	7	1	6		19	7	5	3	
20	6	8			20	7	6	0		20	7	10	0	
21	7	0			21	7	10	6		21	8	2	9	
22	7	4			22	8	3	0		22	8	7	6	
23	7	8			23	8	7	6		23	9	0	3	
24	8	0			24	9	0	0		24	9	5	0	
25	8	4			25	9	4	6		25	9	9	9	
26	8	8			26	9	9	0		26	10	2	6	
27	9	0			27	10	1	6		27	10	7	3	
28	9	4			28	10	6	0		28	11	0	0	
29	9	8			29	10	10	6		29	11	4	9	
30	10	0			30	11	3	0		30	11	9	6	

116 A NEW TABLE OF FLAT MEASURE.

Length	5 Inches broad.				5 $\frac{1}{2}$ Inches broad.				Length	5 $\frac{1}{2}$ Inches broad.				5 $\frac{3}{4}$ Inches broad.				
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.	
Inches long.	1	0	0	5	3	0	0	5	3	1	0	0	5	6	0	0	5	9
	2			10	0			10	6	2			11	0			11	6
	3		1	3	0		1	3	9	3		1	4	6		1	5	3
	4		1	8			1	9	0	4		1	10	0		1	11	0
	5		2	1			2	2	3	5		2	3	6		2	4	9
	6		2	6			2	7	6	6		2	9	0		2	10	6
	7		2	11			3	0	9	7		3	2	6		3	4	3
	8		3	4			3	6	0	8		3	8	0		3	10	0
	9		3	9			3	11	3	9		4	1	6		4	3	9
	10		4	2			4	4	6	10		4	7	0		4	9	6
	11		4	7			4	9	9	11		5	0	6		5	3	3
Feet long.	1		5	0			5	3	0	1		5	6	0		5	9	0
	2		10	0			10	6		2		11	0			11	6	
	3		1	3	0		1	3	9	3		1	4	6		1	5	3
	4		1	8			1	9	0	4		1	10	0		1	11	0
	5		2	1			2	2	3	5		2	3	6		2	4	9
	6		2	6			2	7	6	6		2	9	0		2	10	6
	7		2	11			3	0	9	7		3	2	6		3	4	3
	8		3	4			3	6	0	8		3	8	0		3	10	0
	9		3	9			3	11	3	9		4	1	6		4	3	9
	10		4	2			4	4	6	10		4	7	0		4	9	6
	11		4	7			4	9	9	11		5	0	6		5	3	3
	12		5	0			5	3	0	12		5	6	0		5	9	0
	13		5	5			5	8	3	13		5	11	6		6	2	9
	14		5	10			6	1	6	14		6	5	0		6	8	6
	15		6	3			6	6	9	15		6	10	6		7	2	3
	16		6	8			7	0	0	16		7	4	0		7	8	0
	17		7	1			7	5	3	17		7	9	6		8	1	9
	18		7	6			7	10	6	18		8	3	0		8	7	6
	19		7	11			8	3	9	19		8	8	6		9	1	3
	20		8	4			8	9	0	20		9	2	0		9	7	0
	21		8	9			9	2	3	21		9	7	6		10	0	9
	22		9	2			9	7	6	22		10	1	0		10	6	6
	23		9	7			10	0	9	23		10	6	6		11	0	3
	24		10	0			10	6	0	24		11	0	0		11	6	0
	25		10	5			10	11	3	25		11	5	6		11	11	9
	26		10	10			11	4	6	26		11	11	0		12	5	6
	27		11	3			11	9	9	27		12	4	6		12	11	3
	28		11	8			12	3	0	28		12	10	0		13	5	0
	29		12	1			12	8	3	29		13	3	6		13	10	9
	30		12	6			13	1	6	30		13	9	0		14	4	6

A NEW TABLE OF FLAT MEASURE. 117

Length	6 Inches broad.				Length	6 $\frac{1}{2}$ Inches broad.				Length	6 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.
1	0	0	6	0	1	0	0	6	0	1	0	0	6	9
2		1	0		2		1	1	0	2		1	1	6
3		1	6		3		1	7	6	3		1	8	3
4		2	0		4		2	2	0	4		2	3	0
5		2	6		5		2	8	6	5		2	9	9
6		3	0		6		3	3	0	6		3	4	6
7		3	6		7		3	9	6	7		3	11	3
8		4	0		8		4	4	0	8		4	6	0
9		4	6		9		4	10	6	9		5	0	9
10		5	0		10		5	5	0	10		5	7	6
11		5	6		11		5	11	6	11		6	2	3
1		6	0		1		6	6	0	1		6	9	0
2	1	0			2	1	1	0		2	1	1	6	
3	1	6			3	1	7	6		3	1	8	3	
4	2	0			4	2	2	0		4	2	3	0	
5	2	6			5	2	8	6		5	2	9	9	
6	3	0			6	3	3	0		6	3	4	6	
7	3	6			7	3	9	6		7	3	11	3	
8	4	0			8	4	4	0		8	4	6	0	
9	4	6			9	4	10	6		9	5	0	9	
10	5	0			10	5	5	0		10	5	7	6	
11	5	6			11	5	11	6		11	6	2	3	
12	6	0			12	6	6	0		12	6	9	0	
13	6	6			13	7	0	6		13	7	3	9	
14	7	0			14	7	7	0		14	7	10	6	
15	7	6			15	8	1	6		15	8	5	3	
16	8	0			16	8	8	0		16	9	0	0	
17	8	6			17	9	2	6		17	9	6	9	
18	9	0			18	9	9	0		18	10	1	6	
19	9	6			19	10	3	6		19	10	8	3	
20	10	0			20	10	10	0		20	11	3	0	
21	10	6			21	11	4	6		21	11	9	9	
22	11	0			22	11	11	0		22	12	4	6	
23	11	6			23	12	5	6		23	12	11	3	
24	12	0			24	13	0	0		24	13	6	0	
25	12	6			25	13	6	6		25	14	0	9	
26	13	0			26	14	1	0		26	14	7	6	
27	13	6			27	14	7	6		27	15	2	3	
28	14	0			28	15	2	0		28	15	9	0	
29	14	6			29	15	8	6		29	16	3	9	
30	15	0			30	16	3	0		30	16	10	6	

118 A NEW TABLE OF FLAT MEASURE.

Length	7 Inches broad.				7 $\frac{1}{2}$ Inches broad.				Length	7 $\frac{1}{2}$ Inches broad.				7 $\frac{3}{4}$ Inches broad.				
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.	
Inches long.	1	0	0	7	0	0	0	7	3	1	0	0	7	6	0	0	7	9
	2		1	2	0		1	2	6	2		1	3	0		1	3	6
	3		1	9	0		1	9	9	3		1	10	6		1	11	3
	4		2	4			2	5	0	4		2	6	0		2	7	0
	5		2	11			3	0	3	5		3	1	6		3	2	9
	6		3	6			3	7	6	6		3	9	0		3	10	6
	7		4	1			4	2	9	7		4	4	6		4	6	3
	8		4	8			4	10	0	8		5	0	0		5	2	0
	9		5	3			5	5	3	9		5	7	6		5	9	9
	10		5	10			6	0	0	10		6	3	0		6	5	6
	11		6	5			6	7	9	11		6	10	6		6	1	3
Feet long.	1		7	0			7	3	0	1		7	6	0		7	9	0
	2		1	2			1	2	6	2		1	3	0		1	3	6
	3		1	9			1	9	9	3		1	10	6		1	11	3
	4		2	4			2	5	0	4		2	6	0		2	7	0
	5		2	11			3	0	3	5		3	1	6		3	2	9
	6		3	6			3	7	6	6		3	9	0		3	10	6
	7		4	1			4	2	9	7		4	4	6		4	6	3
	8		4	8			4	10	0	8		5	0	0		5	2	0
	9		5	3			5	5	3	9		5	7	6		5	9	9
	10		5	10			6	0	0	10		6	3	0		6	5	6
	11		6	5			6	7	9	11		6	10	6		6	1	3
	12		7	0			7	3	0	12		7	6	0		7	9	0
	13		7	7			7	10	3	13		8	1	6		8	4	9
	14		8	2			8	5	6	14		8	9	0		9	0	6
	15		8	9			9	0	9	15		9	4	6		9	8	3
	16		9	4			9	8	0	16		10	0	0		10	4	0
	17		9	11			10	3	3	17		10	7	6		10	11	9
	18		10	6			10	10	6	18		11	3	0		11	7	6
	19		11	1			11	5	9	19		11	10	6		12	3	3
	20		11	8			12	1	0	20		12	6	0		12	11	0
	21		12	3			12	8	3	21		13	1	6		13	6	9
	22		12	10			13	3	6	22		13	9	0		14	2	6
	23		13	5			13	10	9	23		14	4	6		14	10	3
	24		14	0			14	6	0	24		15	0	0		15	6	0
	25		14	7			15	1	3	25		15	7	6		16	1	9
	26		15	2			15	8	6	26		16	3	0		16	9	6
	27		15	9			16	3	9	27		16	10	6		17	5	3
	28		16	4			16	11	0	28		17	6	0		18	1	0
	29		16	11			17	6	3	29		18	1	6		18	8	9
	30		17	6			18	1	6	30		18	9	0		19	4	6

Length	8 Inches broad.				8 $\frac{1}{4}$ Inches broad.				Length	8 $\frac{1}{2}$ Inches broad.				8 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.	F.	I.	P.	S.		F.	P.	I.	S.	F.	I.	P.	S.
Inches long.	1	0	0	8 0	0	0	8 3	0	1	0	0	8 6	0	0	8 9	0	0
	2		1	4	0	1	4 6	0	2		1	5 0	0	1	5 6	0	1
	3		2	0 8	0	2	0 9	0	3		2	1 6	0	2	2 3	0	2
	4		2	8	0	2	9 0	0	4		2	10 0	0	2	11 0	0	2
	5		3	4	0	3	5 3	0	5		3	6 6	0	3	7 9	0	3
	6		4	0	0	4	1 6	0	6		4	3 0	0	4	4 6	0	4
	7		4	8	0	4	9 9	0	7		4	11 6	0	5	1 3	0	5
	8		5	4	0	5	6 0	0	8		5	8 0	0	5	10 0	0	6
	9		6	0	8	6	2 3	0	9		6	4 6	0	6	6 9	0	7
	10		6	8	0	6	10 6	0	10		7	1 0	0	7	3 6	0	8
	11		7	4	0	7	6 9	0	11		7	9 6	0	8	0 3	0	9
Feet long.	1		8	0		8	3 0	0	1		8	6 0	0		8	9 0	0
	2		1	4		1	4 6	0	2		1	5 0	0		1	5 6	0
	3		2	0 8		2	0 9	0	3		2	1 6	0		2	2 3	0
	4		2	8		2	9 0	0	4		2	10 0	0		2	11 0	0
	5		3	4		3	5 3	0	5		3	6 6	0		3	7 9	0
	6		4	0		4	1 6	0	6		4	3 0	0		4	4 6	0
	7		4	8		4	9 9	0	7		4	11 6	0		5	1 3	0
	8		5	4		5	6 0	0	8		5	8 0	0		5	10 0	0
	9		6	0		6	2 3	0	9		6	4 6	0		6	6 9	0
	10		6	8		6	10 6	0	10		7	1 0	0		7	3 6	0
	11		7	4		7	6 9	0	11		7	9 6	0		8	0 3	0
	12		8	0		8	3 0	0	12		8	6 0	0		8	9 0	0
	13		8	8		8	11 3	0	13		9	2 6	0		9	5 9	0
	14		9	4		9	7 6	0	14		9	11 0	0		10	2 6	0
	15		10	0		10	3 9	0	15		10	7 6	0		10	11 3	0
	16		10	8		11	0 0	0	16		11	4 0	0		11	8 0	0
	17		11	4		11	8 3	0	17		12	0 6	0		12	4 9	0
	18		12	0		12	4 6	0	18		13	9 0	0		13	1 6	0
	19		12	8		13	0 9	0	19		13	5 6	0		13	10 3	0
	20		13	4		13	9 0	0	20		14	2 0	0		14	7 0	0
	21		14	0		14	5 3	0	21		14	10 6	0		15	3 9	0
	22		14	8		15	1 6	0	22		15	7 0	0		16	0 6	0
	23		15	4		15	9 9	0	23		16	3 6	0		16	9 3	0
	24		16	0		16	6 0	0	24		17	0 0	0		17	6 0	0
	25		16	8		17	2 3	0	25		17	8 6	0		18	2 9	0
	26		17	4		17	10 6	0	26		18	5 0	0		18	11 6	0
	27		18	0		18	6 9	0	27		19	1 6	0		19	8 3	0
	28		18	8		19	3 0	0	28		19	10 0	0		20	5 0	0
	29		19	4		19	11 3	0	29		20	6 6	0		21	1 9	0
	30		20	0		20	7 6	0	30		21	3 0	0		21	10 6	0

120 A NEW TABLE OF FLAT MEASURE.

Length	9 Inches broad.				9 $\frac{1}{2}$ Inches broad.				Length	9 $\frac{1}{2}$ Inches broad.				9 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.
Inches long.	1	0	0	9	0	0	9	3	1	0	0	9	6			9	9
	2		1	6		1	6	6	2		1	7	0	1		7	6
	3		2	3		2	3	9	3		2	4	6	2		5	3
	4		3	0		3	1	0	4		3	2	0	3		3	0
	5		3	9		3	10	3	5		3	11	6	4		3	0
	6		4	6		4	7	6	6		4	9	0	4		10	6
	7		5	3		5	4	9	7		5	6	6	5		8	3
	8		6	0		6	2	0	8		6	4	0	6		6	0
	9		6	9		6	11	3	9		7	1	6	7		3	9
	10		7	6		7	8	6	10		7	11	0	8		1	6
	11		8	3		8	5	9	11		8	8	6	8		11	3
Feet long.				0			9	3	1			9	6			9	0
	1		1	6	1		6	6	2		1	7	0	1		7	6
	2		2	3	2		3	9	3		2	4	0	2		5	3
	3		3	0	3		1	0	4		3	2	0	3		3	0
	4		3	9	3		10	3	5		3	11	6	4		3	0
	5		3	6	4		7	6	6		4	9	0	4		10	6
	6		4	3	5		4	9	7		5	6	6	5		8	3
	7		5	0	6		2	0	8		6	4	0	6		6	0
	8		6	9	6		11	3	9		7	1	6	7		3	9
	9		7	6	7		8	6	10		7	11	0	8		1	6
	10		8	3	8		5	9	11		8	8	6	8		11	3
	11		9	0	9		3	0	12		9	6	0	9		9	0
	12		9	9	10		0	3	13		10	3	6	10		6	9
	13		10	6	10		9	6	14		11	1	0	11		4	6
	14		11	3	11		6	9	15		11	10	6	12		2	3
	15		12	0	12		4	0	16		12	8	0	13		0	0
	16		12	9	13		1	3	17		13	5	6	13		9	9
	17		13	6	13		10	6	18		14	3	0	14		7	6
	18		14	3	14		7	9	19		15	0	6	15		5	3
	19		15	0	15		5	0	20		15	10	0	16		3	0
	20		15	9	16		2	3	21		16	7	6	17		0	9
	21		16	6	16		11	6	22		17	5	0	17		10	6
	22		17	3	17		8	9	23		18	2	6	18		8	3
	23		18	0	18		6	0	24		19	0	0	19		6	0
	24		18	9	19		3	3	25		19	9	6	20		3	9
	25		19	6	20		0	6	26		20	7	0	21		1	6
	26		20	3	20		9	9	27		21	4	6	21		11	3
	27		21	0	21		7	0	28		22	2	0	22		9	0
	28		21	9	22		4	3	29		22	11	6	23		6	9
	29		22	6	23		1	6	30		23	9	0	24		4	6

Length	10 Inches broad.				10 $\frac{1}{2}$ Inches broad.				Length	10 $\frac{1}{2}$ Inches broad.				10 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.
Inches long.	1	0	0	10	0	0	10	3	1	0	0	10	6	0	0	10	9
	2		1	8		1	8	6	2		1	9	0		1	9	6
	3		2	6		2	6	9	3		2	7	6		2	8	3
	4		3	4		3	5	0	4		3	6	0		3	7	0
	5		4	2		4	3	3	5		4	4	6		4	5	9
	6		5	0		5	1	6	6		5	3	0		5	4	6
	7		5	10		5	11	9	7		6	1	6		6	3	3
	8		6	8		6	10	0	8		7	0	0		7	2	0
	9		7	6		7	8	3	9		7	10	6		8	0	9
	10		8	4		8	6	6	10		8	9	0		8	11	6
	11		9	2		9	4	9	11		9	7	6		9	10	3
Feet long.	1	0	10	0		10	3	0	1		10	6	0		10	9	0
	2	1	8	0		1	8	6	2	1	9	0		1	9	6	
	3	2	6			2	6	9	3	2	7	6		2	8	3	
	4	3	4			3	5	0	4	3	6	0		3	7	0	
	5	4	2			4	3	3	5	4	4	6		4	5	9	
	6	5	0			5	1	6	6	5	3	0		5	4	6	
	7	5	10			5	11	9	7	6	1	6		6	3	3	
	8	6	8			6	10	0	8	7	0	0		7	2	0	
	9	7	6			7	8	3	9	7	10	6		8	0	9	
	10	8	4			8	6	6	10	8	9	0		8	11	6	
	11	9	2			9	4	9	11	9	7	6		9	10	3	
	12	10	0			10	3	0	12	10	6	0		10	9	0	
	13	10	10			11	1	3	13	11	4	6		11	7	9	
	14	11	8			11	11	6	14	12	3	0		12	6	6	
	15	12	6			12	9	9	15	13	1	6		13	5	3	
	16	13	4			13	8	0	16	14	0	0		14	4	0	
	17	14	2			14	6	3	17	14	10	6		15	2	9	
	18	15	0			15	4	6	18	15	9	0		16	1	6	
	19	15	10			16	2	9	19	16	7	6		17	0	3	
	20	16	8			17	1	0	20	17	6	0		17	11	0	
	21	17	6			17	11	3	21	18	4	6		18	9	9	
	22	18	4			18	9	6	22	19	3	0		19	8	6	
	23	19	2			19	7	9	23	20	1	6		20	7	3	
	24	20	0			20	6	0	24	21	0	0		21	6	0	
	25	20	10			21	4	3	25	21	10	6		22	4	9	
	26	21	8			22	2	6	26	22	9	0		23	3	6	
	27	22	6			23	0	9	27	23	7	6		24	2	3	
	28	23	4			23	11	0	28	24	6	0		25	1	0	
	29	24	2			24	9	3	29	25	4	6		25	11	9	
	30	25	0			25	7	6	30	26	3	0		26	10	6	

Length	11 Inches broad.			11 $\frac{1}{8}$ Inches broad.			Length	11 $\frac{1}{2}$ Inches broad.			11 $\frac{3}{4}$ Inches broad.				
	F.	I.	P. S.	F.	I.	P. S.		F.	I.	P. S.	F.	I.	P. S.		
Inches long.	1	0	0	11	0	0	1	0	0	11	6	0	0	11	9
	2		1	10		1	2		1	11	0		1	11	6
	3		2	9		2	3		2	10	6		2	11	3
	4		3	8		3	4		3	10	0		3	11	0
	5		4	7		4	5		4	9	6		4	10	9
	6		5	6		5	6		5	9	0		5	10	6
	7		6	5		6	7		6	8	6		6	10	3
	8		7	4		7	8		7	8	0		7	10	0
	9		8	3		8	9		8	7	6		8	9	9
	10		9	2		9	10		9	7	0		9	9	6
	11		10	1		10	11		10	6	6		10	9	3
Feet long.	1		11	0		11	2		11	6	0		11	9	0
	2		1	10		1	3		1	11	0		1	11	6
	3		2	9		2	4		2	10	6		2	11	3
	4		3	8		3	5		3	10	0		3	11	0
	5		4	7		4	6		4	9	6		4	10	9
	6		5	6		5	7		5	9	0		5	10	6
	7		6	5		6	8		6	8	6		6	10	3
	8		7	4		7	9		7	8	0		7	10	0
	9		8	3		8	10		8	7	6		8	9	9
	10		9	2		9	11		9	7	0		9	9	6
	11		10	1		10	12		10	6	6		10	9	3
	12		11	0		11	13		11	6	0		11	9	0
	13		11	11		12	14		12	5	6		12	8	9
	14		12	10		13	15		13	5	0		13	8	6
	15		13	9		14	16		14	4	6		14	8	3
	16		14	8		15	17		15	4	0		15	8	0
	17		15	7		16	18		16	3	6		16	7	9
	18		16	6		17	19		17	3	0		17	7	6
	19		17	5		18	20		18	2	6		18	7	3
	20		18	4		19	21		19	2	0		19	7	0
	21		19	3		20	22		20	1	6		20	6	9
	22		20	2		21	23		21	1	0		21	6	6
	23		21	1		22	24		22	0	6		22	6	3
	24		22	0		23	25		23	0	0		23	6	0
	25		22	11		24	26		24	11	6		24	5	9
	26		23	10		25	27		25	10	0		25	5	6
	27		24	9		26	28		26	10	6		26	5	3
	28		25	8		27	29		27	9	6		27	5	0
	29		26	7		28	30		28	9	0		28	4	9
	30		27	6		29			29				29	4	6

Length	12 Inches broad.			12 $\frac{1}{4}$ Inches broad.			Length	12 $\frac{1}{2}$ Inches broad.			12 $\frac{3}{4}$ Inches broad.		
	F.	I.	P. S.	F.	I.	P. S.		F.	I.	P. S.	F.	I.	P. S.
Inches long.	1	0	1 0 0	0	1	0 3	1	0	1	0 6	0	1	0 9
	2		2		2	0 6	2		2	1 0		2	1 6
	3		3		3	0 9	3		3	1 6		3	2 3
	4		4		4	1 0	4		4	2 0		4	3 0
	5		5		5	1 3	5		5	2 6		5	3 9
	6		6		6	1 6	6		6	3 0		6	4 6
	7		7		7	1 9	7		7	3 6		7	5 3
	8		8		8	2 0	8		8	4 0		8	6 0
	9		9		9	2 3	9		9	4 6		9	6 9
	10		10		10	2 6	10		10	5 0		10	7 6
	11		11		11	2 9	11		11	5 6		11	8 3
Feet long.	1	1	0	1	0	3 0	1	1	0	6 0	1	0	9 0
	2	2	0	2	0	6	2	2	1	0	2	1	6
	3	3		3	0	9	3	3	1	6	3	2	3
	4	4		4	1	0	4	4	2	0	4	3	0
	5	5		5	1	3	5	5	2	6	5	3	9
	6	6		6	1	6	6	6	3	0	6	4	6
	7	7		7	1	9	7	7	3	6	7	5	3
	8	8		8	2	0	8	8	4	0	8	6	0
	9	9		9	2	3	9	9	4	6	9	6	9
	10	10		10	2	6	10	10	5	0	10	7	6
	11	11		11	2	9	11	11	5	6	11	8	3
	12	12		12	3	0	12	12	6	0	12	9	0
	13	13		13	3	3	13	13	6	6	13	9	9
	14	14		14	3	6	14	14	7	0	14	10	6
	15	15		15	3	9	15	15	7	6	15	11	3
	16	16		16	4	0	16	16	8	0	17	0	0
	17	17		17	4	3	17	17	8	6	18	0	9
	18	18		18	4	6	18	18	9	0	19	1	6
	19	19		19	4	9	19	19	9	6	20	2	3
	20	20		20	5	0	20	20	10	0	21	3	0
	21	21		21	5	3	21	21	10	6	22	3	9
	22	22		22	5	6	22	22	11	0	23	4	6
	23	23		23	5	9	23	23	11	6	24	5	3
	24	24		24	6	0	24	25	0	0	25	6	0
	25	25		25	6	3	25	26	0	6	26	6	9
	26	26		26	6	6	26	27	1	0	27	7	0
	27	27		27	6	9	27	28	1	6	28	8	3
	28	28		28	7	0	28	29	2	0	29	9	0
	29	29		29	7	3	29	30	2	6	30	9	9
	30	30		30	7	6	30	31	3	0	31	10	6

124 A NEW TABLE OF FLAT MEASURE.

Length	13 Inches broad.				Length	13 $\frac{1}{2}$ Inches broad.				Length	13 $\frac{1}{2}$ Inches broad.				Length	13 $\frac{1}{2}$ Inches broad.			
	F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.
Inches long.	1	0	1	0	0	1	1	3	0	1	0	1	6	0	0	1	1	9	0
	2		2			2	2	6		2		2	3	0		2	3	6	
	3		3			3	3	9		3		3	4	6		3	5	3	
	4		4			4	5	0		4		4	6	0		4	7	0	
	5		5			5	6	3		5		5	7	6		5	8	9	
	6		6			6	7	6		6		6	9	0		6	10	6	
	7		7			7	8	9		7		7	10	6		8	0	3	
	8		8			8	10	0		8		9	0	0		9	2	0	
	9		9			9	11	3		9		10	1	6		10	3	9	
	10		10			11		0	6	10		11		3	0	11	5	6	
	11		11			1	0	1	9	11		1	0	4	6	1	0	7	3
Feet long.	1	1	1	0	1	1	3	0		1	1	1	6	0		1	1	9	0
	2		2		2	2	6			2		2	3	0		2	3	6	
	3		3		3	3	9			3		3	4	6		3	5	3	
	4		4		4	5	0			4		4	6	0		4	7	0	
	5		5		5	6	3			5		5	7	6		5	8	9	
	6		6		6	7	6			6		6	9	0		6	10	6	
	7		7		7	8	9			7		7	10	6		8	0	3	
	8		8		8	10	0			8		9	0	0		9	2	0	
	9		9		9	11	3			9		10	1	6		10	3	9	
	10		10		11		0	6		10		11		3	0	11	5	6	
	11		11		12		1	9		11		12		4	6	12	7	3	
	12		13	0	13		3	0		12		13		6	0	13	9	0	
	13		14	1	14		4	3		13		14		7	6	14	10	9	
	14		15	2	15		5	6		14		15		9	0	16	0	6	
	15		16	3	16		6	9		15		16		10	6	17	2	3	
	16		17	4	17		8	0		16		18		0	0	18	4	0	
	17		18	5	18		9	3		17		19		1	6	19	5	9	
	18		19	6	19		10	6		18		20		3	0	20	7	6	
	19		20	7	20		11	9		19		21		4	6	21	9	3	
	20		21	8	22		1	0		20		22		6	0	22	11	0	
	21		22	9	23		2	3		21		23		7	6	24	0	9	
	22		23	10	24		3	6		22		24		9	0	25	2	6	
	23		24	11	25		4	9		23		25		10	6	26	4	3	
	24		26	0	26		6	0		24		27		0	0	27	6	0	
	25		27	1	27		7	3		25		28		1	6	28	7	9	
	26		28	2	28		8	6		26		29		3	0	29	9	6	
	27		29	3	29		9	9		27		30		4	6	30	11	3	
	28		30	4	30		11	0		28		31		6	0	32	1	0	
	29		31	5	32		0	3		29		32		7	6	33	2	9	
	30		32	6	33		1	6		30		33		9	0	34	4	6	

Length	14 Inches broad.				14 $\frac{1}{2}$ Inches broad.				Length	14 $\frac{1}{2}$ Inches broad.				14 $\frac{3}{4}$ Inches broad.					
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.		
Inches long.	1	0	1	2	0	0	1	2	3	1	0	1	2	6	0	1	2	9	
	2		2	4			2	4	6	2		2	5	0		2	5	6	
	3		3	6			3	6	9	3		3	7	6		3	8	3	
	4		4	8			4	9	0	4		4	10	0		4	11	0	
	5		5	10			5	11	3	5		6	0	6		6	1	9	
	6		7	0			7	1	6	6		7	3	0		7	4	6	
	7		8	2			8	3	9	7		8	5	6		8	7	3	
	8		9	4			9	6	0	8		9	8	0		9	10	0	
	9		10	6			10	8	3	9		10	10	6		11	0	9	
	10		11	8			11	10	6	10		1	0	1	0	1	0	3	6
	11	1	0	10			1	1	0	9	11	1	1	3	6	1	1	6	3
Feet long.	1	1	2	0		1	2	3	0	1	1	2	6	0		1	2	9	0
	2	2	4	0		2	4	6		2	2	5	0			2	5	6	
	3	3	6			3	6	9		3	3	7	6			3	8	3	
	4	4	8			4	9	0		4	4	10	0			4	11	0	
	5	5	10			5	11	3		5	6	0	6			6	1	9	
	6	7	0			7	1	6		6	7	3	0			7	4	6	
	7	8	2			8	3	9		7	8	5	6			8	7	3	
	8	9	4			9	6	0		8	9	8	0			9	10	0	
	9	10	6			10	8	3		9	10	10	6			11	0	9	
	10	11	8			11	10	6		10	12	1	0			12	3	6	
	11	12	10			13	0	9		11	13	3	6			13	6	3	
	12	14	0			14	3	0		12	14	6	0			14	9	0	
	13	15	2			15	5	3		13	15	8	6			15	11	9	
	14	16	4			16	7	6		14	16	11	0			17	2	6	
	15	17	6			17	9	9		15	18	1	6			18	5	3	
	16	18	8			19	0	0		16	19	4	0			19	8	0	
	17	19	10			20	2	3		17	20	6	6			20	10	9	
	18	21	0			21	4	6		18	21	9	0			22	1	6	
	19	22	2			22	6	9		19	22	11	6			23	4	3	
	20	23	4			23	9	0		20	24	2	9			24	7	0	
	21	24	6			24	11	3		21	25	4	6			25	9	9	
	22	25	8			26	1	6		22	26	7	0			27	0	6	
	23	26	10			27	3	9		23	27	9	6			28	3	3	
	24	28	0			28	6	0		24	29	0	0			29	6	0	
	25	9	2			29	8	3		25	30	2	6			30	8	9	
	26	30	4			30	10	6		26	31	5	0			31	11	0	
	27	31	6			32	0	9		27	32	7	6			33	2	3	
	28	32	8			33	3	0		28	33	10	0			34	5	0	
	29	33	10			34	5	3		29	35	0	6			35	7	9	
	30	35	0			35	7	6		30	36	3	0			36	10	6	

126 A NEW TABLE OF FLAT MEASURE.

Length	15 Inches broad.				Length	15 $\frac{1}{2}$ Inches broad.				Length	15 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.
Inches long.	1	0	1	3 0		0	1	3	3 0		0	1	3	9 0
	2		2	6 0			2	6	6 0			2	7	6 0
	3		3	9 0			3	9	9 0			3	11	3 0
	4		5	0 0			5	1	0 0			5	6	3 0
	5		6	3 0			6	4	3 0			6	6	9 0
	6		7	6 0			7	7	6 0			7	10	6 0
	7		8	9 0			8	10	9 0			9	2	3 0
	8		10	0 0			10	2	0 0			10	6	0 0
	9		11	3 0			11	5	3 0			11	9	9 0
	10	1	0	6 0		1	0	8	6 0		1	1	1	6 0
	11	1	1	9 0		1	1	11	9 0		1	2	5	3 0
Feet long.	1	1	3	0 0		1	3	3	0 0		1	3	9	0 0
	2	2	6	0 0		2	6	6	0 0		2	7	6	0 0
	3	3	9	0 0		3	9	9	0 0		3	11	3	0 0
	4	5	0	0 0		5	1	0	0 0		5	3	0	0 0
	5	6	3	0 0		6	4	3	0 0		6	6	9	0 0
	6	7	6	0 0		7	7	6	0 0		7	10	6	0 0
	7	8	9	0 0		8	10	9	0 0		9	2	3	0 0
	8	10	0	0 0		10	2	0	0 0		10	6	0	0 0
	9	11	3	0 0		11	5	3	0 0		11	9	9	0 0
	10	12	6	0 0		12	8	6	0 0		12	11	3	0 0
	11	13	9	0 0		13	11	9	0 0		13	1	6	0 0
	12	15	0	0 0		15	3	0	0 0		14	5	3	0 0
	13	16	3	0 0		16	6	3	0 0		15	9	0	0 0
	14	17	6	0 0		17	9	6	0 0		17	0	9	0 0
	15	18	9	0 0		19	0	9	0 0		18	4	6	0 0
	16	20	0	0 0		20	4	0	0 0		19	8	3	0 0
	17	21	3	0 0		21	7	3	0 0		20	0	0	0 0
	18	22	6	0 0		22	10	6	0 0		22	3	9	0 0
	19	23	9	0 0		24	1	9	0 0		23	7	6	0 0
	20	25	0	0 0		25	5	0	0 0		24	11	3	0 0
	21	26	3	0 0		26	8	3	0 0		26	3	0	0 0
	22	27	6	0 0		27	11	6	0 0		27	6	9	0 0
	23	28	9	0 0		29	2	9	0 0		28	10	6	0 0
	24	30	0	0 0		30	6	0	0 0		30	2	3	0 0
	25	31	3	0 0		31	9	3	0 0		31	6	0	0 0
	26	32	6	0 0		33	0	6	0 0		32	9	9	0 0
	27	33	9	0 0		34	3	9	0 0		34	1	6	0 0
	28	35	0	0 0		35	7	0	0 0		35	5	3	0 0
	29	36	3	0 0		36	10	3	0 0		36	9	0	0 0
	30	37	6	0 0		38	1	6	0 0		38	0	9	0 0
											39	4	6	0 0

A NEW TABLE OF FLAT MEASURE. 127

Length	16 Inches broad.				Length	16 $\frac{1}{4}$ Inches broad.				Length	16 $\frac{1}{2}$ Inches broad.				Length	16 $\frac{3}{4}$ Inches broad.			
	F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.
Inches long.	1	0	1	4	0	0	1	4	3	0	1	0	1	4	0	0	1	4	9
	2		2	8			2	8	6		2		2	9	0		2	9	6
	3		4	0			4	0	9		3		4	1	6		4	2	3
	4		5	4			5	5	0		4		5	6	0		5	7	0
	5		6	8			6	9	3		5		6	10	6		6	11	9
	6		8	0			8	1	6		6		8	3	0		8	4	6
	7		9	4			9	5	9		7		9	7	6		9	9	3
	8		10	8			10	10	0		8		11	0	0		11	2	0
	9	1	0	0		1	0	2	3		9	1	0	4	6	1	0	6	9
	10	1	1	4		1	1	6	6		10	1	1	9	0	1	1	11	6
	11	1	2	8		1	2	10	9		11	1	3	1	6	1	3	4	3
Feet long.	1	1	4	0		1	4	3	0		1	1	4	6	0	1	4	9	0
	2	2	8			2	8	6			2	2	9	0		2	9	6	
	3	4	0			4	0	9			3	4	1	6		4	2	3	
	4	5	4			5	5	0			4	5	6	0		5	7	0	
	5	6	8			6	9	3			5	6	10	6		6	11	9	
	6	8	0			8	1	6			6	8	3	0		8	4	6	
	7	9	4			9	5	9			7	9	7	6		9	9	3	
	8	10	8			10	10	0			8	11	0	0		11	2	0	
	9	12	0			12	2	3			9	12	4	6		12	6	9	
	10	13	4			13	6	6			10	13	9	0		13	11	6	
	11	14	8			14	10	9			11	15	1	6		15	4	3	
	12	16	0			16	3	0			12	16	6	0		16	9	0	
	13	17	4			17	7	3			13	17	10	6		18	1	9	
	14	18	8			18	11	6			14	19	3	0		19	6	6	
	15	20	0			20	3	9			15	20	7	6		20	11	3	
	16	21	4			21	8	0			16	22	0	0		22	4	0	
	17	22	8			23	0	3			17	23	4	6		23	8	9	
	18	24	0			24	4	6			18	24	9	0		25	1	6	
	19	25	4			25	8	9			19	26	1	6		26	6	3	
	20	26	8			27	1	0			20	27	6	0		27	11	0	
	21	28	0			28	5	3			21	28	10	6		29	3	9	
	22	29	4			29	9	6			22	30	3	0		30	8	6	
	23	30	8			31	1	9			23	32	7	6		32	1	3	
	24	32	0			32	6	0			24	33	0	0		33	6	0	
	25	33	4			33	10	3			25	34	4	6		34	10	9	
	26	34	8			35	2	6			26	35	9	0		36	3	6	
	27	36	0			36	6	9			27	37	1	6		37	8	3	
	28	37	4			37	11	0			28	38	6	0		39	1	0	
	29	38	8			39	3	3			29	39	10	6		40	5	9	
	30	40	0			40	7	6			30	41	3	0		41	10	6	

Length	17 Inches broad.				Length	17 $\frac{1}{2}$ Inches broad.				Length	17 $\frac{3}{4}$ Inches broad.								
	F.	I.	P.	S.		F.	I.	P.	S.		F.	I.	P.	S.					
Inches long.	1	0	1	5	0	0	1	5	3	1	0	1	5	6	0	0	1	5	9
	2		2	10		2	10	6		2		2	11	0		2	11	6	
	3		4	3		4	3	9		3		4	4	6		4	5	3	
	4		5	8		5	9	0		4		5	10	0		5	11	0	
	5		7	1		7	2	3		5		7	3	6		7	4	9	
	6		8	6		8	7	6		6		8	9	0		8	10	6	
	7		9	11		10	0	9		7		10	2	6		10	4	3	
	8		11	4		11	6	0		8		11	8	0		11	10	0	
	9	1	0	9		1	0	11	3	9	1	1	1	6		1	1	3	9
	10	1	2	2		1	2	4	6	10	1	2	7	0		1	2	9	6
	11	1	3	7		1	3	9	9	11	1	4	0	6		1	4	3	3
Feet long.	1	1	5	0		1	5	3	0	1	1	5	6	0		1	5	9	0
	2	2	10			2	10	6	0	2	2	11	0			2	11	6	
	3	4	3			4	3	9		3	4	4	6			4	5	3	
	4	5	8			5	9	0		4	5	10	0			5	11	0	
	5	7	1			7	2	3		5	7	3	6			7	4	9	
	6	8	6			8	7	6		6	8	9	0			8	10	6	
	7	9	11			10	0	9		7	10	2	6			10	4	3	
	8	11	4			11	6	0		8	11	8	0			11	10	0	
	9	12	9			12	11	3		9	13	1	6			13	3	9	
	10	14	2			14	4	6		10	14	7	0			14	9	6	
	11	15	7			15	9	9		11	16	0	6			16	3	3	
	12	17	0			17	3	0		12	17	6	0			17	9	0	
	13	18	5			18	8	3		13	18	11	6			19	2	9	
	14	19	10			20	1	6		14	20	5	6			20	8	6	
	15	21	3			21	6	9		15	21	10	6			22	2	3	
	16	22	8			23	0	0		16	23	4	0			23	8	0	
	17	24	1			24	5	3		17	24	9	6			25	1	9	
	18	25	6			25	10	6		18	26	3	0			26	7	6	
	19	26	11			27	3	9		19	27	8	6			28	1	3	
	20	28	4			28	9	0		20	29	2	0			29	7	0	
	21	29	9			30	2	3		21	30	7	6			31	0	9	
	22	31	2			31	7	6		22	32	1	0			32	6	6	
	23	32	7			33	0	9		23	33	6	0			34	0	3	
	24	34	0			34	6	0		24	35	0	0			35	6	0	
	25	35	5			35	11	3		25	36	5	6			36	11	9	
	26	36	10			37	4	6		26	37	11	0			38	5	6	
	27	38	3			38	9	9		27	39	4	6			39	11	3	
	28	39	8			40	3	0		28	40	10	0			41	5	0	
	29	41	1			41	8	3		29	42	3	6			42	10	9	
	30	42	6			43	1	6		30	43	9	0			44	4	6	

A NEW TABLE OF FLAT MEASURE. 129

Length	18 Inches broad.				18 $\frac{1}{2}$ Inches broad.				Length	18 $\frac{1}{2}$ Inches broad.				18 $\frac{3}{4}$ Inches broad.					
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.		
Inches long.	1	0	1	6	0	0	1	6	3	1	0	1	6	6	0	1	6	9	
	2		3	0			3	0	6	2		3	1	0		3	1	6	
	3		4	6			4	6	9	3		4	7	6		4	8	3	
	4		6	0			6	1	0	4		6	2	0		6	3	0	
	5		7	6			7	7	3	5		7	8	6		7	9	9	
	6		9	0			9	1	6	6		9	3	0		9	4	6	
	7		10	6			10	7	9	7		10	9	6		10	11	3	
	8	1	0	0		1	0	2	0	8	1	0	4	0		1	0	6	0
	9	1	1	6		1	1	8	3	9	1	1	10	6		1	2	0	9
	10	1	3	0		1	3	2	6	10	1	3	5	0		1	3	7	6
	11	1	4	6		1	4	8	9	11	1	4	11	6		1	5	2	3
Feet long.	1	1	6	0		1	6	3	0	1	1	6	6	0		1	6	9	0
	2	3	0			3	0	6		2	3	1	0			3	1	6	
	3	4	6			4	6	9		3	4	7	6			4	8	3	
	4	6	0			6	1	0		4	6	2	0			6	3	0	
	5	7	6			7	7	3		5	7	8	6			7	9	9	
	6	9	0			9	1	6		6	9	3	0			9	4	6	
	7	10	6			10	7	9		7	10	9	6			10	11	3	
	8	12	0			12	2	0		8	12	4	0			12	6	0	
	9	13	6			13	8	3		9	13	10	6			14	0	9	6
	10	15	0			15	2	6		10	15	5	0			15	7	3	
	11	16	6			16	8	9		11	16	11	6			17	2	3	
	12	18	0			18	3	0		12	18	6	0			18	9	0	
	13	19	6			19	9	3		13	20	0	6			20	3	9	6
	14	21	0			21	3	6		14	21	7	0			21	10	6	
	15	22	6			22	9	9		15	23	1	6			23	5	3	
	16	24	0			24	4	0		16	24	8	0			25	0	0	
	17	25	6			25	10	3		17	26	2	6			26	6	9	
	18	27	0			27	4	6		18	27	9	0			28	1	6	
	19	28	6			28	10	9		19	29	3	6			29	8	3	
	20	30	0			30	5	0		20	30	10	0			31	3	0	
	21	31	6			31	11	3		21	32	4	6			32	9	9	
	22	33	0			33	5	6		22	33	11	0			34	4	6	
	23	34	6			34	11	9		23	35	5	6			35	11	3	
	24	36	0			36	6	0		24	37	0	0			37	6	0	
	25	37	6			38	0	3		25	38	6	6			39	0	9	
	26	39	0			39	6	6		26	40	1	0			40	7	6	
	27	40	6			41	0	9		27	41	7	6			42	2	3	
	28	42	0			42	7	0		28	43	2	0			43	9	0	
	29	43	6			44	1	3		29	44	8	6			45	3	9	
	30	45	0			45	7	6		30	46	3	0			46	10	6	

Length	19 Inches broad.				19 $\frac{1}{4}$ Inches broad.				Length	19 Inches broad.				19 $\frac{1}{4}$ Inches broad.					
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.		
Inches long.	1	0	1	7	0	0	1	7	3	1	0	1	7	6	0	1	7	9	
	2		3	2			3	2	6	2		3	3	0		3	3	6	
	3		4	9			4	9	9	3		4	10	6		4	11	3	
	4		6	4			6	5	0	4		6	6	0		6	7	0	
	5		7	11			8	0	3	5		8	1	6		8	2	9	
	6		9	6			9	7	6	6		9	9	0		9	10	6	
	7		11	1			11	2	9	7		11	4	6		11	6	3	
	8	1	0	8		1	0	10	0	8	1	1	0	0		1	1	2	0
	9	1	2	3		1	2	5	3	9	1	2	7	6		1	2	9	9
	10	1	3	10		1	4	0	6	10	1	4	3	0		1	4	5	6
	11	1	5	5		1	5	7	9	11	1	5	10	6		1	6	1	3
Feet long.	1	1	7	0		1	7	3	0	1	1	7	6	0		1	7	9	0
	2	3	2			3	2	6		2	3	3	0			3	3	6	
	3	4	9			4	9	9		3	4	10	6			4	11	3	
	4	6	4			6	5	0		4	6	6	0			6	7	0	
	5	7	11			8	0	3		5	8	1	6			8	2	9	
	6	9	6			9	7	6		6	9	9	0			9	10	6	
	7	11	1			11	2	9		7	11	4	6			11	6	3	
	8	12	8			12	10	0		8	13	0	0			13	2	0	
	9	14	3			14	5	3		9	14	7	6			14	9	9	
	10	15	10			16	0	6		10	16	3	0			16	5	6	
	11	17	5			17	7	9		11	17	10	6			18	1	3	
	12	19	0			19	3	0		12	19	6	0			19	9	0	
	13	20	7			20	10	3		13	21	1	6			21	4	9	
	14	22	2			22	5	6		14	22	9	0			23	0	6	
	15	23	9			24	0	9		15	24	4	6			24	8	3	
	16	25	4			25	8	0		16	26	0	0			26	4	0	
	17	26	11			27	3	3		17	27	7	6			27	11	9	
	18	28	6			28	10	6		18	29	3	0			29	7	6	
	19	30	1			30	5	9		19	30	10	6			31	3	3	
	20	31	8			32	1	0		20	32	6	0			32	11	0	
	21	33	3			33	8	3		21	34	1	6			34	6	9	
	22	34	10			35	3	6		22	35	9	0			36	2	6	
	23	36	5			36	10	9		23	37	4	6			37	10	3	
	24	38	0			38	6	0		24	39	0	0			39	6	0	
	25	39	7			40	1	3		25	40	7	6			41	1	9	
	26	41	2			41	8	6		26	42	3	0			42	9	6	
	27	42	9			43	3	9		27	43	10	6			44	5	3	
	28	44	4			44	11	0		28	45	6	0			46	1	0	
	29	45	11			46	6	3		29	47	1	6			47	8	9	
	30	47	6			48	1	6		30	48	9	0			49	4	6	

A NEW TABLE OF FLAT MEASURE. 131

Length	20 Inches broad.				20 $\frac{1}{4}$ Inches broad.				Length	20 $\frac{1}{2}$ Inches broad.				20 $\frac{3}{4}$ Inches broad.					
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.		
Inches long.	1	0	1	8	0	0	1	8	3	1	0	1	8	6	0	1	8	9	
	2		3	4			3	4	6	2		3	5	0		3	5	6	
	3		5	0			5	0	9	3		5	1	6		5	2	3	
	4		6	8			6	9	0	4		6	10	0		6	11	0	
	5		8	4			8	5	3	5		8	6	6		8	7	9	
	6		10	0			10	1	6	6		10	3	0		10	4	6	
	7		11	8			11	9	9	7		11	11	6		11	0	3	
	8	1	1	4		1	1	6	0	8	1	1	8	0		11	10	0	
	9	1	3	0		1	3	2	3	9	1	3	4	6		13	6	9	
	10	1	4	8		1	4	10	6	10	1	5	1	0		15	3	6	
	11	1	6	4		1	6	6	9	11	1	6	9	6		17	0	3	
Feet long.	1	1	8	0		1	8	3	0	1	1	8	6	0		1	8	9	0
	2	3	4			3	4	6		2	3	5	0			3	5	6	
	3	5	0			5	0	9		3	5	1	6			5	2	3	
	4	6	8			6	9	0		4	6	10	0			6	11	0	
	5	8	4			8	5	3		5	8	6	6			8	7	9	
	6	10	0			10	1	6		6	10	3	0			10	4	6	
	7	11	8			11	9	9		7	11	11	6			12	1	3	
	8	13	4			13	6	0		8	13	8	0			13	10	0	
	9	15	0			15	2	3		9	15	4	6			15	6	9	
	10	16	8			16	10	6		10	17	1	0			17	3	6	
	11	18	4			18	6	9		11	18	9	6			19	0	3	
	12	20	0			20	3	0		12	20	6	0			20	9	0	
	13	21	8			21	11	3		13	22	2	6			22	5	9	
	14	23	4			23	7	6		14	23	11	0			24	2	6	
	15	25	0			25	3	9		15	25	7	6			25	11	3	
	16	26	8			27	0	0		16	27	4	0			27	8	0	
	17	28	4			28	8	3		17	29	0	6			29	4	9	
	18	30	0			30	4	6		18	30	8	0			31	1	6	
	19	31	8			32	0	9		19	32	4	6			32	10	3	
	20	33	4			33	9	0		20	34	1	0			34	7	0	
	21	35	0			35	5	3		21	35	9	6			36	3	9	
	22	36	8			37	1	6		22	37	6	0			38	0	6	
	23	38	4			38	9	9		23	39	2	6			39	9	3	
	24	40	0			40	6	0		24	40	11	0			41	6	0	
	25	41	8			42	2	3		25	42	7	6			43	2	9	
	26	43	4			43	10	6		26	44	4	0			44	11	6	
	27	45	0			45	6	9		27	46	0	6			46	8	3	
	28	46	8			47	3	0		28	47	9	0			48	5	0	
	29	48	4			48	11	3		29	49	5	6			50	1	9	
	30	50	0			50	7	6		30	51	2	0			51	10	6	

Length	21 Inches broad.				21 $\frac{1}{2}$ Inches broad.				Length	21 $\frac{1}{2}$ Inches broad.				21 $\frac{3}{4}$ Inches broad.				
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.	
Inches long.	1	0	1	9	0	0	1	9	3	1	0	1	9	6	0	1	9	9
	2		3	6			3	6	6	2		3	7	0		3	7	6
	3		5	3			5	3	9	3		5	4	6		5	5	3
	4		7	0			7	1	0	4		7	2	0		7	3	0
	5		8	9			8	10	3	5		8	11	6		9	0	9
	6		10	6			10	7	6	6		10	9	0		10	10	6
	7	1	0	3		1	0	4	9	7	1	0	6	6	1	0	8	3
	8	1	2	0		1	2	2	0	8	1	2	4	0	1	2	6	0
	9	1	3	9		1	3	11	3	9	1	4	1	6	1	4	3	9
	10	1	5	6		1	5	8	6	10	1	5	11	0	1	6	1	6
	11	1	7	3		1	7	5	9	11	1	7	8	6	1	7	11	3
Feet long.	1	1	9	0		1	9	3	0	1	1	9	6	0	1	9	9	0
	2	3	6			3	6	6		2	3	7	0		3	7	6	
	3	5	3			5	3	9		3	5	4	6		5	5	3	
	4	7	0			7	1	0		4	7	2	0		7	3	0	
	5	8	9			8	10	3		5	8	11	6		9	0	9	
	6	10	6			10	7	6		6	10	9	0		10	10	6	
	7	12	3			12	4	9		7	12	6	6		12	8	3	
	8	14	0			14	2	0		8	14	4	0		14	6	0	
	9	15	9			15	11	3		9	16	1	6		16	3	9	
	10	17	6			17	8	6		10	17	11	0		18	1	6	
	11	19	3			19	5	9		11	19	8	6		19	11	3	
	12	21	0			21	3	0		12	21	6	0		21	9	0	
	13	22	9			23	0	3		13	23	3	6		23	6	9	
	14	24	6			24	9	6		14	25	1	0		25	4	6	
	15	26	3			26	6	9		15	26	10	6		27	2	3	
	16	28	0			28	4	0		16	28	8	0		29	0	0	
	17	29	9			30	1	3		17	30	5	6		30	9	9	
	18	31	6			31	10	6		18	32	3	0		32	7	6	
	19	33	3			33	7	9		19	34	0	6		34	5	3	
	20	35	0			35	5	0		20	35	10	0		36	3	0	
	21	36	9			37	2	3		21	37	7	6		38	0	9	
	22	38	6			38	11	6		22	39	5	0		39	10	6	
	23	40	3			40	8	9		23	41	2	6		41	8	3	
	24	42	0			42	6	0		24	43	0	0		43	6	0	
	25	43	9			44	3	3		25	44	9	6		45	3	9	
	26	45	6			46	0	6		26	46	7	0		47	1	6	
	27	47	3			47	9	9		27	48	4	6		48	11	3	
	28	49	0			49	7	0		28	50	2	0		50	9	0	
	29	50	9			51	4	3		29	51	11	6		52	6	9	
	30	52	6			53	1	6		30	53	9	0		54	4	6	

A NEW TABLE OF FLAT MEASURE. 133

Length	22 Inches broad.				22 $\frac{1}{2}$ Inches broad.				Length	22 $\frac{1}{2}$ Inches broad.				22 $\frac{3}{4}$ Inches broad.				
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.	
Inches long.	1	0	1	10	0	0	1	10	3	1	0	1	10	6	0	1	10	9
	2		3	8			3	8	6	2		3	9	0		3	9	6
	3		5	6			5	6	9	3		5	7	6		5	8	3
	4		7	4			7	5	0	4		7	6	0		7	7	0
	5		9	2			9	3	3	5		9	4	6		9	5	9
	6		11	0			11	1	6	6		11	3	0		11	4	6
	7	1	0	10		1	0	11	9	7	1	1	1	6	1	1	3	3
	8	1	2	8		1	2	10	0	8	1	3	0	0	1	3	2	0
	9	1	4	6		1	4	8	3	9	1	4	10	6	1	5	0	9
	10	1	6	4		1	6	6	6	10	1	6	9	0	1	6	11	6
	11	1	8	2		1	8	4	9	11	1	8	7	6	1	8	10	3
Feet long.	1	1	10	0	1	10	3	0	1	1	10	6	0	1	10	9	0	
	2	3	8		3	8	6		2	3	9	0		3	9	6		
	3	5	6		5	6	9		3	5	7	6		5	8	3		
	4	7	4		7	5	0		4	7	6	0		7	7	0		
	5	9	2		9	3	3		5	9	4	6		9	5	9		
	6	11	0		11	1	6		6	11	3	0		11	4	6		
	7	12	10		12	11	9		7	13	1	6		13	3	3		
	8	14	8		14	10	0		8	15	0	0		15	2	0		
	9	16	6		16	8	3		9	16	10	6		17	0	9		
	10	18	4		18	6	6		10	18	9	0		18	11	6		
	11	20	2		20	4	9		11	20	7	6		20	10	3		
	12	22	0		22	3	0		12	22	6	0		22	9	0		
	13	23	10		24	1	3		13	24	4	6		24	7	9		
	14	25	8		25	11	6		14	26	3	0		26	6	6		
	15	27	6		27	10	9		15	28	1	6		28	5	3		
	16	29	4		29	9	0		16	30	0	0		30	4	0		
	17	31	2		31	7	3		17	31	10	6		32	2	9		
	18	33	0		33	5	6		18	33	9	0		34	1	6		
	19	34	10		35	3	9		19	35	7	6		36	0	3		
	20	36	8		37	2	0		20	37	6	0		37	11	0		
	21	38	6		39	0	3		21	39	4	6		39	9	9		
	22	40	4		40	10	6		22	41	3	0		41	8	6		
	23	42	2		42	8	9		23	43	1	6		43	7	3		
	24	44	0		44	7	0		24	45	0	0		45	6	0		
	25	45	10		46	5	3		25	46	10	6		47	4	9		
	26	47	8		48	3	6		26	48	9	0		49	3	6		
	27	49	6		50	1	9		27	50	7	6		51	2	3		
	28	51	4		52	0	0		28	52	6	0		53	1	0		
	29	53	2		53	10	3		29	54	4	6		54	11	9		
	30	55	0		55	8	6		30	56	3	0		56	10	6		

134 A NEW TABLE OF FLAT MEASURE.

Length	23 Inches broad.				23 $\frac{1}{4}$ Inches broad.				Length	23 $\frac{1}{2}$ Inches broad.				23 $\frac{3}{4}$ Inches broad.				
	F.	I.	P.	S.	F.	I.	P.	S.		F.	I.	P.	S.	F.	I.	P.	S.	
Inches long.	1	0	1	11	0	0	1	11	3	1	0	1	11	6	0	1	11	9
	2		3	10	0		3	10	6	2		3	11	0		3	11	6
	3		5	9			5	9	9	3		5	10	6		5	11	3
	4		7	8			7	9	0	4		7	10	0		7	11	0
	5		9	7			9	8	3	5		9	9	6		9	10	9
	6		11	6			11	7	6	6		11	9	0		11	10	6
	7	1	1	5		1	1	6	9	7	1	1	8	6	1	1	10	3
	8	1	3	4		1	3	6	0	8	1	3	8	0	1	3	10	0
	9	1	5	3		1	5	5	3	9	1	5	7	6	1	5	9	9
	10	1	7	2		1	7	4	6	10	1	7	7	0	1	7	9	6
	11	1	9	1		1	9	3	9	11	1	9	6	6	1	9	9	3
Feet long.	1	1	11	0		1	11	3	0	1	1	11	6	0	1	11	9	0
	2	3	10			3	10	6		2	3	11	0		3	11	6	
	3	5	9			5	9	9		3	5	10	6		5	11	3	
	4	7	8			7	9	0		4	7	10	0		7	11	0	
	5	9	7			9	8	3		5	9	9	6		9	10	9	
	6	11	6			11	7	6		6	11	9	0		11	10	6	
	7	13	5			13	6	9		7	13	8	6		13	10	3	
	8	15	4			15	6	0		8	15	8	0		15	10	0	
	9	17	3			17	5	3		9	17	7	6		17	9	9	
	10	19	2			19	4	6		10	19	7	0		19	9	6	
	11	21	1			21	3	9		11	21	6	6		21	9	3	
	12	23	0			23	3	0		12	23	6	0		23	9	0	
	13	24	11			25	2	3		13	25	5	6		25	8	9	
	14	26	10			27	1	6		14	27	5	0		27	8	6	
	15	28	9			29	0	9		15	29	4	6		29	8	3	
	16	30	8			31	0	0		16	31	4	0		31	8	0	
	17	32	7			32	11	3		17	33	3	6		33	7	9	
	18	34	6			34	10	6		18	35	3	0		35	7	6	
	19	36	5			36	9	9		19	37	2	6		37	7	3	
	20	38	4			38	9	0		20	39	2	0		39	7	0	
	21	40	3			40	8	3		21	41	1	6		41	6	9	
	22	42	2			42	7	6		22	43	1	0		43	6	6	
	23	44	1			44	6	9		23	45	0	6		45	6	3	
	24	46	0			46	6	0		24	47	0	0		47	6	0	
	25	47	11			48	5	3		25	48	11	6		49	5	9	
	26	49	10			50	4	6		26	50	11	0		51	5	6	
	27	51	9			52	3	9		27	52	10	6		53	5	3	
	28	53	8			54	3	0		28	54	10	0		55	5	0	
	29	55	7			56	2	3		29	56	9	6		57	4	9	
	30	57	6			58	1	6		30	58	9	0		59	4	6	

Length	24 Inches broad.			
	F.	I.	P.	S.
1	0	2	0	0
2		4		
3		6		
4		8		
5		10		
6	1	0		
7	1	2		
8	1	4		
9	1	6		
10	1	8		
11	1	10		
<hr/>				
1	2	0		
2	4			
3	6			
4	8			
5	10			
6	12			
7	14			
8	16			
9	18			
10	20			
11	22			
12	24			
13	26			
14	28			
15	30			
16	32			
17	34			
18	36			
19	38			
20	40			
21	42			
22	44			
23	46			
24	48			
25	50			
26	52			
27	54			
28	56			
29	58			
30	60			

*An Explanation of the preceding
TABLE of Flat Measure.*

IN every Page of this Table is contained six Columns of Figures, of which two of them contains the Length of the Superficies to be measured, viz. the first and fourth; and the other four, the Content in Feet, Inches, and Parts, according to the Breadth in Inches, from 1 Inch, to 24 Inches broad, as expressed on the Top of the Table over every Column.

The Length of the Superfices is expressed in Inches and Feet, in the first and fourth Column; the Inches from 1 to 11, between the third and fourth black Line from the Top of the Table, and the Feet from 1 to 30 between the fourth and fifth Line, as is distinguished by Inches long, and Feet long within the same.

The Letters F. I. P. S. signify as follows, viz. F. stands for Feet, I. for Inches, P. for Parts, and S. for Seconds; and do thereby intimate that the Figures under them are of the same Denomination.

Example 1.

What is the superficial Content of a Piece of Board, Plank, Glafs, or any any other Superficies whose Breadth is 16 Inches, and the Length 4 Feet?

FIRST, Seek at the Top of the Table for 16 Inches the Breadth, and right down the same Column, against 4 Feet in the Left Hand Column, stand 5 4 under F, and I. viz. 5 Feet, 4 Inches, the Content required, &c. The same of any other in the like Case.

Example

Example 2.

What is the superficial Content of a Piece of Board, Plank, Glass, &c. 25 Feet 8 Inches long, and $6\frac{3}{4}$ wide?

FIRST, Seek for $6\frac{3}{4}$, the Breadth, which you will find in Page 117; and against 25 Feet long stands 14 0 9.

SECONDLY, Seek in the same Column (above) for 8 Inches long, and right under the same Breadth, stands 4 6 0.

LASTLY, Set down the Contents one under the other, and cast them up, carrying 1 for every 12, from one Denomination to the other, and the Product is the Content required, as follows:

	F.	I.	P.	S.
25 Feet long, and $6\frac{3}{4}$ broad, is	14	0	9	
8 Inches long ditto		4	6	0
The Content required,	14	5	3	0

Example 3.

What is the superficial Content of a Floor, &c. 20 Feet long, and 10 Feet, 7 Inches, and $\frac{3}{4}$ wide?

In such a Case as this, you must first multiply the Feet contained in the Breadth, by the Length, and then seek the Content of the remaining Inches in the Table contained in the Breadth, and add to the Product of the Feet, and the product thereof is the Content sought. The above EXAMPLE wrought.

	Feet
	20
	10
	<hr/>
	200
$7\frac{3}{4}$ broad, &c. 20 Feet long by the Table	12 11
	<hr/>
	212 11 Content.

Let us now see what is the Content of the said Floor arithmetically, and herein I shall shew how to multiply by the component Parts of a Number, instead of the Whole.

NOTE,

E X A M P L E S. 137

NOTE, The component Parts of a Number are such Numbers which being multiplied together, will produce that number, as in the above Example. Instead of multiplying 10 Feet 7 Inches and $\frac{3}{4}$ by 20 Feet, multiply it by 5, and that Product by 4, and the last Product will be the same as though it were multiplied by 20 at once, because 4 times 5 is 20. See the Work as follows.

F. I. P.

10 7 9
5

53 2 9
4

212 11 0 The Product the same as above.

If any odd Numbers are given which are not an even Product of any two of the nine Digits, &c, then take two Figures whose Product come nearest, either more or less than the given Number; and add if you took a less Number, subtract if you took more, as in these Examples.

Multiply 61 6 3 by 22 Feet, and 12 9 6 by 23 Feet.

F. I. P.

61 6 3
7

430 7 9
3

Too little 1291 11 3
Add 61 6 3

True Prod. 1353 5 6

F. I. P.

12 9 6
8

102 4 0
3

Too much 307 0 0
Subtract 12 9 6

True Prod. 294 2 6

T

A NEW



A

NEW TABLE

READY CALCULATED FOR

Shewing the Value of any Number of Feet, Yards, Rods, Squares, &c. Also of any Sorts of Goods, Wares or Merchandize, at any Price per Foot, Yard, &c. from Half a Farthing to Ten Shillings; and, by Addition only, to any Price required.

T 2

The

140 The Price of the Foot, Yard, Square, Rod, &c.
being Half a Farthing.

Numb.	VALUE.			Numb.	VALUE.			Numb.	VALUE.		
	l.	s.	d. f.		l.	s.	d. f.		l.	f.	d. f.
1	0		$\frac{1}{2}$	43	5	$1\frac{1}{2}$		85	10		$2\frac{1}{2}$
2	0	0	1	44	5	2		86	10	3	
3	0	0	$1\frac{1}{2}$	45	5	$2\frac{1}{2}$		87	10		$3\frac{1}{2}$
4	0	2		46	5	3		88	11	0	
5	0	0	$2\frac{1}{2}$	47	5	$3\frac{1}{2}$		89	11		$0\frac{1}{2}$
6	0	3		48	6	0		90	11	1	
7	0	$3\frac{1}{2}$		49	6	$0\frac{1}{2}$		91	11		$1\frac{1}{2}$
8	1	0		50	6	1		92	11	2	
9	1	0	$\frac{1}{2}$	51	6	$1\frac{1}{2}$		93	11		$2\frac{1}{2}$
10	1	1		52	6	2		94	11	3	
11	1	$1\frac{1}{2}$		53	6	$2\frac{1}{2}$		95	11		$3\frac{1}{2}$
12	1	2		54	6	3		96	1	0	0
13	1	$2\frac{1}{2}$		55	6	$3\frac{1}{2}$		97	1	0	$0\frac{1}{2}$
14	1	3		(56)	7	0		98	1	0	1
15	1	$3\frac{1}{2}$		57	7	$0\frac{1}{2}$		99	1	0	$1\frac{1}{2}$
16	2	0		58	7	1		100	1	0	2
17	2	$0\frac{1}{2}$		59	7	$1\frac{1}{2}$		(112)	1	2	0
18	2	1		60	7	2		(120)	1	3	0
19	2	$1\frac{1}{2}$		61	7	$2\frac{1}{2}$		(144)	1	6	0
20	2	2		62	7	3		200	2	1	0
21	2	$2\frac{1}{2}$		63	7	$3\frac{1}{2}$		(272)	2	10	0
22	2	3		64	8	0		300	3	1	2
23	2	$3\frac{1}{2}$		65	8	$0\frac{1}{2}$		400	4	2	0
24	3	0		66	8	1		500	5	2	2
25	3	$0\frac{1}{2}$		67	8	$1\frac{1}{2}$		600	6	3	0
26	3	1		68	8	2		700	7	3	2
27	3	$1\frac{1}{2}$		69	8	$2\frac{1}{2}$		800	8	4	0
(28)	3	2		70	8	3		900	9	4	2
29	3	$2\frac{1}{2}$		71	8	$3\frac{1}{2}$		1000	10	5	0
30	3	3		72	9	0		(1200)	12	6	0
31	3	$3\frac{1}{2}$		73	9	$0\frac{1}{2}$		(1728)	18	0	0
32	4	0		74	9	1		2000	1	0	10
33	4	$0\frac{1}{2}$		75	9	$1\frac{1}{2}$		(2184)	1	2	9
34	4	1		76	9	2		3000	1	11	3
35	4	$1\frac{1}{2}$		77	9	$2\frac{1}{2}$		4000	2	1	8
36	4	2		78	9	3		5000	2	12	1
37	4	$2\frac{1}{2}$		79	9	$3\frac{1}{2}$		6000	3	2	6
38	4	3		80	10	0		7000	3	12	11
39	4	$3\frac{1}{2}$		81	10	$0\frac{1}{2}$		8000	4	3	4
40	5	0		82	10	1		9000	4	13	9
41	5	$0\frac{1}{2}$		83	10	$1\frac{1}{2}$		10000	5	4	2
42	5	1		(84)	10	2		20000	10	8	4

The Price of the Foot, Yard, Square, Rod, &c. being 141
One Farthing.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE l. s. d. f.
1	1	43	10 3	85	1 9 1
2	2	44	11 0	86	1 9 2
3	3	45	11 1	87	1 9 3
4	1 0	46	11 2	88	1 10 0
5	1 1	47	11 3	89	1 10 1
6	1 2	48	1 0 0	90	1 10 2
7	1 3	49	1 0 1	91	1 10 3
8	2 0	50	1 0 2	92	1 11 0
9	2 1	51	1 0 3	93	1 11 1
10	2 2	52	1 1 0	94	1 11 2
11	2 3	53	1 1 1	95	1 11 3
12	3 0	54	1 1 2	96	2 0 0
13	3 1	55	1 1 3	97	2 0 1
14	3 2	(56)	1 2 0	98	2 0 2
15	3 3	57	1 2 1	99	2 0 3
16	4 0	58	1 2 2	100	2 1 0
17	4 1	59	1 2 3	(112)	2 4 0
18	4 2	60	1 3 0	(120)	2 6 0
19	4 3	61	1 3 1	(144)	3 0 0
20	5 0	62	1 3 2	200	4 2 0
21	5 1	63	1 3 3	(272)	5 8 0
22	5 2	64	1 4 0	300	6 3 0
23	5 3	65	1 4 1	400	8 4 0
24	6 0	66	1 4 2	500	10 5 0
25	6 1	67	1 4 3	600	12 6 0
26	6 2	68	1 5 0	700	14 7 0
27	6 3	69	1 5 1	800	16 8 0
(28)	7 0	70	1 5 2	900	18 9 0
29	7 1	71	1 5 3	1000	1 0 10 0
30	7 2	72	1 6 0	(1200)	1 5 0 0
31	7 3	73	1 6 1	(1728)	1 16 0 0
32	8 0	74	1 6 2	2000	2 1 8 0
33	8 1	75	1 6 3	(2184)	2 5 6 0
34	8 2	76	1 7 0	3000	3 2 6 0
35	8 3	77	1 7 1	4000	4 3 4 0
36	9 0	78	1 7 2	5000	5 4 2 0
37	9 1	79	1 7 3	6000	6 5 0 0
38	9 2	80	1 8 0	7000	7 5 10 0
39	9 3	81	1 8 1	8000	8 6 8 0
40	10 0	82	1 8 2	9000	9 7 6 0
41	10 1	83	1 8 3	10000	10 8 4 0
42	10 2	(84)	1 9 0	20000	20 16 8 0

Numb.	VALUE. l. s. d. f.	Numb.	VALUE l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	2	43	1 9 2	85	3 6 2
2	1 0	44	1 10 0	86	3 7 0
3	1 2	45	1 10 2	87	3 7 2
4	2 0	46	1 11 0	88	3 8 0
5	2 2	47	1 11 2	89	3 8 2
6	3 0	48	2 0 0	90	3 9 0
7	3 2	49	2 0 2	91	3 9 2
8	4 0	50	2 1 0	92	3 10 0
9	4 2	51	2 1 2	93	3 10 2
10	5 0	52	2 2 0	94	3 11 0
11	5 2	53	2 2 2	95	3 11 2
12	6 0	54	2 3 0	96	4 0 0
13	6 2	55	2 3 2	97	4 0 2
14	7 0	(56)	2 4 0	98	4 1 0
15	7 2	57	2 4 2	99	4 1 2
16	8 0	58	2 5 0	100	4 2 0
17	8 2	59	2 5 2	(112)	4 8 0
18	9 0	60	2 6 0	(120)	5 0 0
19	9 2	61	2 6 2	(144)	6 0 0
20	10 0	62	2 7 0	200	8 4 0
21	10 2	63	2 7 2	(272)	11 4 0
22	11 0	64	2 8 0	300	12 6 0
23	11 2	65	2 8 2	400	16 8 0
24	1 0 0	66	2 9 0	500	1 0 10 0
25	1 0 2	67	2 9 2	600	1 5 0 0
26	1 1 0	68	2 10 0	700	1 9 2 0
27	1 1 2	69	2 10 2	800	1 13 4 0
(28)	1 2 0	70	2 11 0	900	1 17 6 0
29	1 2 2	71	2 11 2	1000	2 1 8 0
30	1 3 0	72	3 0 0	(1200)	2 10 0 0
31	1 3 2	73	3 0 2	(1728)	3 12 0 0
32	1 4 0	74	3 1 0	2000	4 3 4 0
33	1 4 2	75	3 1 2	(2184)	4 11 0 0
34	1 5 0	76	3 2 0	3000	6 5 0 0
35	1 5 2	77	3 2 2	4000	8 6 8 0
36	1 6 0	78	3 3 0	5000	10 8 4 0
37	1 6 2	79	3 3 2	6000	12 10 0 0
38	1 7 0	80	3 4 0	7000	14 11 8 0
39	1 7 2	81	3 4 2	8000	16 13 4 0
40	1 8 0	82	3 5 0	9000	18 15 0 0
41	1 8 2	83	3 5 2	10000	20 16 8 0
42	1 9 0	(84)	3 6 0	20000	41 13 4 0

The Price of the Foot, Yard, Square, Rod, &c. 143
being Three Farthings.

Numb	VALUE.				Numb	VALUE.				Numb	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			3		43	2	8	1		85	5	3	3	
2		1	2		44	2	9	0		86	5	4	2	
3		2	1		45	2	9	3		87	5	5	1	
4		3	0		46	2	10	2		88	5	6	0	
5		3	3		47	2	11	1		89	5	6	3	
6		4	2		48	3	0	0		90	5	7	2	
7		5	1		49	3	0	3		91	5	8	1	
8		6	0		50	3	1	2		92	5	9	0	
9		6	3		51	3	2	1		93	5	9	3	
10		7	2		52	3	3	0		94	5	10	2	
11		8	1		53	3	3	3		95	5	11	1	
12		9	0		54	3	4	2		96	6	0	0	
13		9	3		55	3	5	1		97	6	0	3	
14		10	2		(56)	3	6	0		98	6	1	2	
15		11	1		57	3	6	3		99	6	2	1	
16	1	0	0		58	3	7	2		100	6	3	0	
17	1	0	3		59	3	8	1		(112)	7	0	0	
18	1	1	2		60	3	9	0		(120)	7	6	0	
19	1	2	1		61	3	9	3		(144)	9	0	0	
20	1	3	0		62	3	10	2		200	12	6	0	
21	1	3	3		63	3	11	1		(272)	17	0	0	
22	1	4	2		64	4	0	0		300	18	9	0	
23	1	5	1		65	4	0	3		400	1	5	0	0
24	1	6	0		66	4	1	2		500	1	11	3	0
25	1	6	3		67	4	2	1		600	1	17	6	0
26	1	7	2		68	4	3	0		700	2	3	9	0
27	1	8	1		69	4	3	3		800	2	10	0	0
(28)	1	9	0		70	4	4	2		900	2	16	3	0
29	1	9	3		71	4	5	1		1000	3	2	6	0
30	1	10	2		72	4	6	0		(1200)	3	15	0	0
31	1	11	1		73	4	6	3		(1728)	5	8	0	0
32	2	0	0		74	4	7	2		2000	6	5	0	0
33	2	0	3		75	4	8	1		(2184)	6	16	6	0
34	2	1	2		76	4	9	0		5000	9	7	6	0
35	2	2	1		77	4	9	3		4000	12	10	0	0
36	2	3	0		78	4	10	2		5000	15	12	6	0
37	2	3	3		79	4	11	1		6000	18	15	0	0
38	2	4	2		80	5	0	0		7000	21	17	6	0
39	2	5	1		81	5	0	3		8000	25	0	0	0
40	2	6	0		82	5	1	2		9000	28	2	6	0
41	2	6	3		83	5	2	1		10000	31	5	0	0
42	2	7	2		(84)	5	3	0		20000	62	10	0	0

144 The Price of the Foot, Yard, Square, Rod, &c.
being One Penny.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	1	43	3 7	85	7 1
2	2	44	3 8	86	7 2
3	3	45	3 9	87	7 3
4	4	46	3 10	88	7 4
5	5	47	3 11	89	7 5
6	6	48	4 0	90	7 6
7	7	49	4 1	91	7 7
8	8	50	4 2	92	7 8
9	9	51	4 3	93	7 9
10	10	52	4 4	94	7 10
11	11	53	4 5	95	7 11
12	1 0	54	4 6	96	8 0
13	1 1	55	4 7	97	8 1
14	1 2	(56)	4 8	98	8 2
15	1 3	57	4 9	99	8 3
16	1 4	58	4 10	100	8 4
17	1 5	59	4 11	(112)	9 4
18	1 6	60	5 0	(120)	10 0
19	1 7	61	5 1	(144)	12 0
20	1 8	62	5 2	200	16 8
21	1 9	63	5 3	(272)	1 2 8
22	1 10	64	5 4	300	1 5 0
23	1 11	65	5 5	400	1 13 4
24	2 0	66	5 6	500	2 1 8
25	2 1	67	5 7	600	2 10 0
26	2 2	68	5 8	700	2 18 4
27	2 3	69	5 9	800	3 6 8
(28)	2 4	70	5 10	900	3 15 0
29	2 5	71	5 11	1000	4 3 4
30	2 6	72	6 0	(1200)	5 0 0
31	2 7	73	6 1	(1728)	7 4 0
32	2 8	74	6 2	2000	8 6 8
33	2 9	75	6 3	(2184)	9 2 0
34	2 10	76	6 4	3000	12 10 0
35	2 11	77	6 5	4000	16 13 4
36	3 0	78	6 6	5000	20 16 8
37	3 1	79	6 7	6000	25 0 0
38	3 2	80	6 8	7000	29 3 4
39	3 3	81	6 9	8000	33 6 8
40	3 4	82	6 10	9000	37 10 0
41	3 5	83	6 11	10000	41 13 4
42	3 6	(84)	7 0	20000	83 6 8

The Price of the Foot, Yard, Square, Rod, &c.
being One Penny Farthing.

145

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	1 1	43	4 5 3	85	8 10 1
2	2 2	44	4 7 0	86	8 11 2
3	3 3	45	4 8 1	87	9 0 3
4	5 0	46	4 9 2	88	9 2 0
5	6 1	47	4 10 3	89	9 3 1
6	7 2	48	5 0 0	90	9 4 2
7	8 3	49	5 1 1	91	9 5 3
8	10 0	50	5 2 2	92	9 7 0
9	11 1	51	5 3 3	93	9 8 1
10	1 0 2	52	5 5 0	94	9 9 2
11	1 1 3	53	5 6 1	95	9 10 3
12	1 3 0	54	5 7 2	96	10 0 0
13	1 4 1	55	5 8 3	97	10 1 1
14	1 5 2	(56)	5 10 0	98	10 2 2
15	1 6 3	57	5 11 1	99	10 3 3
16	1 8 0	58	6 0 2	100	10 5 0
17	1 9 1	59	6 1 3	(112)	11 8 0
18	1 10 2	60	6 3 0	(120)	12 6 0
19	1 11 3	61	6 4 1	(144)	15 0 0
20	2 1 0	62	6 5 2	200	1 0 10 0
21	2 2 1	63	6 6 3	(272)	1 8 4 0
22	2 3 2	64	6 8 0	300	1 11 9 0
23	2 4 3	65	6 9 1	400	2 1 8 0
24	2 6 0	66	6 10 2	500	2 12 1 0
25	2 7 1	67	6 11 3	600	3 2 6 0
26	2 8 2	68	7 1 0	700	3 12 11 0
27	2 9 3	69	7 2 1	800	4 3 4 0
(28)	2 11 0	70	7 3 2	900	4 13 9 0
29	3 0 1	71	7 4 3	1000	5 4 2 0
30	3 1 2	72	7 6 0	(1200)	6 5 0 0
31	3 2 3	73	7 7 1	(1728)	9 0 0 0
32	3 4 0	74	7 8 2	2000	10 8 4 0
33	3 5 1	75	7 9 3	(2184)	11 7 6 0
34	3 6 2	76	7 11 0	3000	15 12 6 0
35	3 7 3	77	8 0 1	4000	20 16 8 0
36	3 9 0	78	8 1 2	5000	26 0 10 0
37	3 10 1	79	8 2 3	6000	31 5 0 0
38	3 11 2	80	8 4 0	7000	36 9 2 0
39	4 0 3	81	8 5 1	8000	41 13 4 0
40	4 2 0	82	8 6 2	9000	46 17 6 0
41	4 3 1	83	8 7 3	10000	52 1 8 0
42	4 4 2	(84)	8 9 0	20000	104 3 4 0

The Price of the Foot, Yard, Square, Rod, &c.
being Three Half-pence.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1		1	2		43	5	4	2		85	10	7	2	
2		3	0		44	5	6	0		86	10	9	0	
3		4	2		45	5	7	2		87	10	10	2	
4		6	0		46	5	9	0		88	11	0	0	
5		7	2		47	5	10	2		89	11	1	2	
6		9	0		48	6	0	0		90	11	3	0	
7		10	2		49	6	1	2		91	11	4	2	
8	1	0	0		50	6	3	0		92	11	6	0	
9	1	1	2		51	6	4	2		93	11	7	2	
10	1	3	0		52	6	6	0		94	11	9	0	
11	1	4	2		53	6	7	2		95	11	10	2	
12	1	6	0		54	6	9	0		96	12	0	0	
13	1	7	2		55	6	10	2		97	12	1	2	
14	1	9	0		(56)	7	0	0		98	12	3	0	
15	1	10	2		57	7	1	2		99	12	4	2	
16	2	0	0		58	7	3	0		100	12	6	0	
17	2	1	2		59	7	4	2		(112)	14	0	0	
18	2	3	0		60	7	6	0		(120)	15	0	0	
19	2	4	2		61	7	7	2		(144)	18	0	0	
20	2	6	0		62	7	9	0		200	1	5	0	0
21	2	7	2		63	7	10	2		(272)	1	14	0	0
22	2	9	0		64	8	0	0		300	1	17	6	0
23	2	10	2		65	8	1	2		400	2	10	0	0
24	3	0	0		66	8	3	0		500	3	2	6	0
25	3	1	2		67	8	4	2		600	3	15	0	0
26	3	3	0		68	8	6	0		700	4	7	6	0
27	3	4	2		69	8	7	2		800	5	0	0	0
(28)	3	6	0		70	8	9	0		900	5	12	6	0
29	3	7	2		71	8	10	2		1000	6	5	0	0
30	3	9	0		72	9	0	0		(1200)	7	10	0	0
31	3	10	2		73	9	1	2		(1728)	10	16	0	0
32	4	0	0		74	9	3	0		2000	12	10	0	0
33	4	1	2		75	9	4	2		(2184)	13	13	0	0
34	4	3	0		76	9	6	0		3000	18	15	0	0
35	4	4	2		77	9	7	2		4000	25	0	0	0
36	4	6	0		78	9	9	0		5000	31	5	0	0
37	4	7	2		79	9	10	2		6000	37	10	0	0
38	4	9	0		80	10	0	0		7000	43	15	0	0
39	4	10	2		81	10	1	2		8000	50	0	0	0
40	5	0	0		82	10	3	0		9000	56	5	0	0
41	5	1	2		83	10	4	2		10000	62	10	0	0
42	5	3	0		(84)	10	6	0		20000	125	0	0	0

The Price of the Foot, Yard, Square, Rod, &c. 147
being One Penny Three Farthings.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	1 3	43	6 3 1	85	12 4 3
2	3 2	44	6 5 0	86	12 6 2
3	5 1	45	6 6 3	87	12 8 1
4	7 0	46	6 8 2	88	12 10 0
5	8 3	47	6 10 1	89	12 11 3
6	10 2	48	7 0 0	90	13 1 2
7	1 0 1	49	7 1 3	91	13 3 1
8	1 2 0	50	7 3 2	92	13 5 0
9	1 3 3	51	7 5 1	93	13 6 3
10	1 5 2	52	7 7 0	94	13 8 2
11	1 7 1	53	7 8 3	95	13 10 1
12	1 9 0	54	7 10 2	96	14 0 0
13	1 10 3	55	8 0 1	97	14 1 3
14	2 0 2	(56)	8 2 0	98	14 3 2
15	2 2 1	57	8 3 3	99	14 5 1
16	2 4 0	58	8 5 2	100	14 7 0
17	2 5 3	59	8 7 1	(112)	16 4 0
18	2 7 2	60	8 9 0	(120)	17 6 0
19	2 9 1	61	8 10 3	(144)	1 1 0 0
20	2 11 0	62	9 0 2	200	1 9 2 0
21	3 0 3	63	9 2 1	(272)	1 19 8 0
22	3 2 2	64	9 4 0	300	2 3 9 0
23	3 4 1	65	9 5 3	400	2 18 4 0
24	3 6 0	66	9 7 2	500	3 12 11 0
25	3 7 3	67	9 9 1	600	4 7 6 0
26	3 9 2	68	9 11 0	700	5 2 1 0
27	3 11 1	69	10 0 3	800	5 16 8 0
(28)	4 1 0	70	10 2 2	900	6 11 3 0
29	4 2 3	71	10 4 1	1000	7 5 10 0
30	4 4 2	72	10 6 0	(1200)	8 15 0 0
31	4 6 1	73	10 7 3	(1728)	12 12 0 0
32	4 8 0	74	10 9 2	2000	14 11 8 0
33	4 9 3	75	10 11 1	(2184)	15 18 6 0
34	4 11 2	76	11 1 0	3000	21 17 6 0
35	5 1 1	77	11 2 3	4000	29 3 4 0
36	5 3 0	78	11 4 2	5000	36 9 2 0
37	5 4 3	79	11 6 1	6000	43 15 0 0
38	5 6 2	80	11 8 0	7000	51 0 10 0
39	5 8 1	81	11 9 3	8000	58 6 8 0
40	5 10 0	82	11 11 2	9000	65 12 6 0
41	5 11 3	83	12 1 1	10000	72 18 4 0
42	6 1 2	(84)	12 3 0	20000	145 16 8 0

148 The Price of the Foot, Yard, Square, Rod, &c. being
Two Pence.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	2	43	7 2	85	14 2
2	4	44	7 4	86	14 4
3	6	45	7 6	87	14 6
4	8	46	7 8	88	14 8
5	10	47	7 10	89	14 10
6	1 0	48	8 0	90	15 0
7	1 2	49	8 2	91	15 2
8	1 4	50	8 4	92	15 4
9	1 6	51	8 6	93	15 6
10	1 8	52	8 8	94	15 8
11	1 10	53	8 10	95	15 10
12	2 0	54	9 0	96	16 0
13	2 2	55	9 2	97	16 2
14	2 4	(56)	9 4	98	16 4
15	2 6	57	9 6	99	16 6
16	2 8	58	9 8	100	16 8
17	2 10	59	9 10	(112)	18 8
18	3 0	60	10 0	(120)	1 0 0
19	3 2	61	10 2	(144)	1 4 0
20	3 4	62	10 4	200	1 13 4
21	3 6	63	10 6	(272)	2 5 4
22	3 8	64	10 8	300	2 10 0
23	3 10	65	10 10	400	3 6 8
24	4 0	66	11 0	500	4 3 4
25	4 2	67	11 2	600	5 0 0
26	4 4	68	11 4	700	5 16 8
27	4 6	69	11 6	800	6 13 4
(28)	4 8	70	11 8	900	7 10 0
29	4 10	71	11 10	1000	8 6 8
30	5 0	72	12 0	(1200)	10 0 0
31	5 2	73	12 2	(1728)	14 8 0
32	5 4	74	12 4	2000	16 13 4
33	5 6	75	12 6	(2184)	18 4 0
34	5 8	76	12 8	3000	25 0 0
35	5 10	77	12 10	4000	33 6 8
36	6 0	78	13 0	5000	41 13 4
37	6 2	79	13 2	6000	50 0 0
38	6 4	80	13 4	7000	58 6 8
39	6 6	81	13 6	8000	66 13 4
40	6 8	82	13 8	9000	75 0 0
41	6 10	83	13 10	10000	83 6 8
42	7 0	(84)	14 0	20000	166 13 4

The Price of the Foot, Yard, Square, Rod, &c. 149
being Two Pence Farthing.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1		2	1		43	8	0	3		85	15	11	1	
2		4	2		44	8	3	0		86	16	1	2	
3		6	3		45	8	5	1		87	16	3	3	
4			9	0	46	8	7	2		88	16	6	0	
5		11	1		47	8	9	3		89	16	8	1	
6	1	1	2		48	9	0	0		90	16	10	2	
7	1	3	3		49	9	2	1		91	17	0	3	
8	1	6	0		50	9	4	2		92	17	3	0	
9	1	8	1		51	9	6	3		93	17	5	1	
10	1	10	2		52	9	9	0		94	17	7	2	
11	2	0	3		53	9	11	1		95	17	9	3	
12	2	3	0		54	10	1	2		96	18	0	0	
13	2	5	1		55	10	3	3		97	18	2	1	
14	2	7	2		(56)	10	6	0		98	18	4	2	
15	2	9	3		57	10	8	1		99	18	6	3	
16	3	0	0		58	10	10	2		100	18	9	0	
17	3	2	1		59	11	0	3		(112)	1	1	0	0
18	3	4	2		60	11	3	0		(120)	1	2	6	0
19	3	6	3		61	11	5	1		(144)	1	7	0	0
20	3	9	0		62	11	7	2		200	1	17	6	0
21	3	11	1		63	11	9	3		(272)	2	11	0	0
22	4	1	2		64	12	0	0		300	2	16	3	0
23	4	3	3		65	12	2	1		400	3	15	0	0
24	4	6	0		66	12	4	2		500	4	13	9	0
25	4	8	1		67	12	6	3		600	5	12	6	0
26	4	10	2		68	12	9	0		700	6	11	3	0
27	5	0	3		69	12	11	1		800	7	10	0	0
(28)	5	3	0		70	13	1	2		900	8	8	9	0
29	5	5	1		71	13	3	3		1000	9	7	6	0
30	5	7	2		72	13	6	0		(1200)	11	5	0	0
31	5	9	3		73	13	8	1		(1728)	16	4	0	0
32	6	0	0		74	13	10	2		2000	18	15	0	0
33	6	2	1		75	14	0	3		(2184)	20	9	6	0
34	6	4	2		76	14	3	0		3000	28	2	6	0
35	6	6	3		77	14	5	1		4000	37	10	0	0
36	6	9	0		78	14	7	2		5000	46	17	6	0
37	6	11	1		79	14	9	3		6000	56	5	0	0
38	7	1	2		80	15	0	0		7000	65	12	6	0
39	7	3	3		81	15	2	1		8000	75	0	0	0
40	7	6	0		82	15	4	2		9000	84	7	6	0
41	7	8	1		83	15	6	3		10000	93	15	0	0
42	7	10	2		(84)	15	9	0		20000	187	10	0	0

150 The Price of the Foot, Yard, Square, Rod, &c.
being Two Pence Half-penny.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			2	2	43	8	11	2		85	17	8	2	
2			5	0	44	9	2	0		86	17	11	0	
3			7	2	45	9	4	2		87	18	1	2	
4			10	0	46	9	7	0		88	18	4	0	
5		1	0	2	47	9	9	2		89	18	6	2	
6		1	3	0	48	10	0	0		90	18	9	0	
7		1	5	2	49	10	2	2		91	18	11	2	
8		1	8	0	50	10	5	0		92	19	2	0	
9		1	10	2	51	10	7	2		93	19	4	2	
10		2	1	0	52	10	10	0		94	19	7	0	
11		2	3	2	53	11	0	2		95	19	9	2	
12		2	6	0	54	11	3	0		96	1	0	0	0
13		2	8	2	55	11	5	2		97	1	0	2	2
14		2	11	0	(56)	11	8	0		98	1	0	5	0
15		3	1	2	57	11	10	2		99	1	0	7	2
16		3	4	0	58	12	1	0		100	1	0	10	0
17		3	6	2	59	12	3	2		(112)	1	3	4	0
18		3	9	0	60	12	6	0		(120)	1	5	0	0
19		3	11	2	61	12	8	2		(144)	1	10	0	0
20		4	2	0	62	12	11	0		200	2	1	8	0
21		4	4	2	63	13	1	2		(272)	2	16	8	0
22		4	7	0	64	13	4	0		300	3	2	6	0
23		4	9	2	65	13	6	2		400	4	3	4	0
24		5	0	0	66	13	9	0		500	5	4	2	0
25		5	2	2	67	13	11	2		600	6	5	0	0
26		5	5	0	68	14	2	0		700	7	5	10	0
27		5	7	2	69	14	4	2		800	8	6	8	0
(28)		5	10	0	70	14	7	0		900	9	7	6	0
29		6	0	2	71	14	9	2		1000	10	8	4	0
30		6	3	0	72	15	0	0		(1200)	12	10	0	0
31		6	5	2	73	15	2	2		(1728)	18	0	0	0
32		6	8	0	74	15	5	0		2000	20	16	8	0
33		6	10	2	75	15	7	2		(2184)	22	15	0	0
34		7	1	0	76	15	10	0		3000	31	5	0	0
35		7	3	2	77	16	0	2		4000	41	13	4	0
36		7	6	0	78	16	3	0		5000	52	1	8	0
37		7	8	2	79	16	5	2		6000	62	10	0	0
38		7	11	0	80	16	8	0		7000	72	18	4	0
39		8	1	2	81	16	10	2		8000	83	6	8	0
40		8	4	0	82	17	1	0		9000	93	15	0	0
41		8	6	2	83	17	3	2		10000	104	3	4	0
42		8	9	0	(84)	17	6	0		20000	208	6	8	0

The Price of the Foot, Yard, Square, Rod, &c. 151
being Two Pence Three Farthings.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	2 3	43	9 10 1	85	19 5 3
2	5 2	44	10 1 0	86	19 8 2
3	8 1	45	10 3 3	87	19 11 1
4	11 0	46	10 6 2	88	1 0 2 0
5	1 1 3	47	10 9 1	89	1 0 4 3
6	1 4 2	48	11 0 0	90	1 0 7 2
7	1 7 1	49	11 2 3	91	1 0 10 1
8	1 10 0	50	11 5 2	92	1 1 1 0
9	2 0 3	51	11 8 1	93	1 1 3 3
10	2 3 2	52	11 11 0	94	1 1 6 2
11	2 6 1	53	12 1 3	95	1 1 9 1
12	2 9 0	54	12 4 2	96	1 2 0 0
13	2 11 3	55	12 7 1	97	1 2 2 3
14	3 2 2	(56)	12 10 0	98	1 2 5 2
15	3 5 1	57	13 0 3	99	1 2 8 1
16	3 8 0	58	13 3 2	100	1 2 11 0
17	3 10 3	59	13 6 1	(112)	1 5 8 0
18	4 1 2	60	13 9 0	(120)	1 7 6 0
19	4 4 1	61	13 11 3	(144)	1 13 0 0
20	4 7 0	62	14 2 2	200	2 5 10 0
21	4 9 3	63	14 5 1	(272)	3 2 4 0
22	5 0 2	64	14 8 0	300	3 8 9 0
23	5 3 1	65	14 10 3	400	4 11 8 0
24	5 6 0	66	15 1 2	500	5 14 7 0
25	5 8 3	67	15 4 1	600	6 17 6 0
26	5 11 2	68	15 7 0	700	8 0 5 0
27	6 2 1	69	15 9 3	800	9 3 4 0
(28)	6 5 0	70	16 0 2	900	10 6 3 0
29	6 7 3	71	16 3 1	1000	11 9 2 0
30	6 10 2	72	16 6 0	(1200)	13 15 0 0
31	7 1 1	73	16 8 3	(1728)	19 16 0 0
32	7 4 0	74	16 11 2	2000	22 18 4 0
33	7 6 3	75	17 2 1	(2184)	25 0 6 0
34	7 9 2	76	17 5 0	3000	34 7 6 0
35	8 0 1	77	17 7 3	4000	45 16 8 0
36	8 3 0	78	17 10 2	5000	57 5 10 0
37	8 5 3	79	18 1 1	6000	68 15 0 0
38	8 8 2	80	18 4 0	7000	80 4 2 0
39	8 11 1	81	18 6 3	8000	91 13 4 0
40	9 2 0	82	18 9 2	9000	103 2 6 0
41	9 4 3	83	19 0 1	10000	114 11 8 0
42	9 7 2	(84)	19 3 0	20000	229 3 4 0

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			3	0	43	10	9			85	1	1	3	
2			6		44	11	0			86	1	1	6	
3			9		45	11	3			87	1	1	9	
4		1	0		46	11	6			88	1	2	0	
5		1	3		47	11	9			89	1	2	3	
6		1	6		48	12	0			90	1	2	6	
7		1	9		49	12	3			91	1	2	9	
8		2	0		50	12	6			92	1	3	0	
9		2	3		51	12	9			93	1	3	3	
10		2	6		52	13	0			94	1	3	6	
11		2	9		53	13	3			95	1	3	9	
12		3	0		54	13	6			96	1	4	0	
13		3	3		55	13	9			97	1	4	3	
14		3	6		(56)	14	0			98	1	4	6	
15		3	9		57	14	3			99	1	4	9	
16		4	0		58	14	6			100	1	5	0	
17		4	3		59	14	9			(112)	1	8	0	
18		4	6		60	15	0			(120)	1	10	0	
19		4	9		61	15	3			(144)	1	16	0	
20		5	0		62	15	6			200	2	10	0	
21		5	3		63	15	9			(272)	3	8	0	
22		5	6		64	16	0			300	3	15	0	
23		5	9		65	16	3			400	5	0	0	
24		6	0		66	16	6			500	6	5	0	
25		6	3		67	16	9			600	7	10	0	
26		6	6		68	17	0			700	8	15	0	
27		6	9		69	17	3			800	10	0	0	
(28)		7	0		70	17	6			900	11	5	0	
29		7	3		71	17	9			1000	12	10	0	
30		7	6		72	18	0			(1200)	15	0	0	
31		7	9		73	18	3			(1728)	21	12	0	
32		8	0		74	18	6			2000	25	0	0	
33		8	3		75	18	9			(2184)	27	6	0	
34		8	6		76	19	0			3000	37	10	0	
35		8	9		77	19	3			4000	50	0	0	
36		9	0		78	19	6			5000	62	10	0	
37		9	3		79	19	9			6000	75	0	0	
38		9	6		80	1	0	0		7000	87	10	0	
39		9	9		81	1	0	3		8000	100	0	0	
40	10	0			82	1	0	6		9000	112	10	0	
41	10	3			83	1	0	9		10000	125	0	0	
42	10	6			(84)	1	1	0		20000	250	0	0	

The Price of the Foot, Yard, Square, Rod, &c.
being Three Pence Farthing.

153

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	3 1	43	11 7 3	85	1 3 0 1
2	6 2	44	11 11 0	86	1 3 3 2
3	9 3	45	12 2 1	87	1 3 6 3
4	1 1 0	46	12 5 2	88	1 3 10 0
5	1 4 1	47	12 8 3	89	1 4 1 1
6	1 7 2	48	13 0 0	90	1 4 4 2
7	1 10 3	49	13 3 1	91	1 4 7 3
8	2 2 0	50	13 6 2	92	1 4 11 0
9	2 5 1	51	13 9 3	93	1 5 2 1
10	2 8 2	52	14 1 0	94	1 5 5 2
11	2 11 3	53	14 4 1	95	1 5 8 3
12	3 3 0	54	14 7 2	96	1 6 0 0
13	3 6 1	55	14 10 3	97	1 6 3 1
14	3 9 2	(56)	15 2 0	98	1 6 6 2
15	4 0 3	57	15 5 1	99	1 6 9 3
16	4 4 0	58	15 8 2	100	1 7 1 0
17	4 7 1	59	15 11 3	(112)	1 10 4 0
18	4 10 2	60	16 3 0	(120)	1 12 6 0
19	5 1 3	61	16 6 1	(144)	1 19 0 0
20	5 5 0	62	16 9 2	200	2 14 2 0
21	5 8 1	63	17 0 3	(272)	3 13 8 0
22	5 11 2	64	17 4 0	300	4 1 3 0
23	6 2 3	65	17 7 1	400	5 8 4 0
24	6 6 0	66	17 10 2	500	6 15 5 0
25	6 9 1	67	18 1 3	600	8 2 6 0
26	7 0 2	68	18 5 0	700	9 9 7 0
27	7 3 3	69	18 8 1	800	10 16 8 0
(28)	7 7 0	70	18 11 2	900	12 3 9 0
29	7 10 1	71	19 2 3	1000	13 10 10 0
30	8 1 2	72	19 6 0	(1200)	16 5 0 0
31	8 4 3	73	19 9 1	(1728)	23 8 0 0
32	8 8 0	74	1 0 0 2	2000	27 1 8 0
33	8 11 1	75	1 0 3 3	(2184)	29 11 6 0
34	9 2 2	76	1 0 7 0	3000	40 12 6 0
35	9 5 3	77	1 0 10 1	4000	54 3 4 0
36	9 9 0	78	1 1 1 2	5000	67 14 2 0
37	10 0 1	79	1 1 4 3	6000	81 5 0 0
38	10 3 2	80	1 1 8 0	7000	94 15 10 0
39	10 6 3	81	1 1 11 1	8000	108 6 8 0
40	10 10 0	82	1 2 2 2	9000	121 17 6 0
41	11 1 1	83	1 2 5 3	10000	135 8 4 0
42	11 4 2	(84)	1 2 9 0	20000	270 16 8 0

The Price of the Foot, Yard, Square, Rod, &c.
being Three Pence Half-penny.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			3	2	43	12	6	2		85	1	4	9	2
2			7	0	44	12	10	0		86	1	5	1	0
3			10	2	45	13	1	2		87	1	5	4	2
4	1		2	0	46	13	5	0		88	1	5	8	0
5	1		5	2	47	13	8	2		89	1	5	11	2
6	1		9	0	48	14	0	0		90	1	6	3	0
7	2		0	2	49	14	3	2		91	1	6	6	2
8	2		4	0	50	14	7	0		92	1	6	10	0
9	2		7	2	51	14	10	2		93	1	7	1	2
10	2	11	0	0	52	15	2	0		94	1	7	5	0
11	3		2	2	53	15	5	2		95	1	7	8	2
12	3		6	0	54	15	9	0		96	1	8	0	0
13	3		9	2	55	16	0	2		97	1	8	3	2
14	4		1	0	(56)	16	4	0		98	1	8	7	0
15	4		4	2	57	16	7	2		99	1	8	10	2
16	4		8	0	58	16	11	0	100	1	9	2	0	
17	4	11	2	0	59	17	2	2	(112)	1	12	8	0	
18	5		3	0	60	17	6	0	(120)	1	15	0	0	
19	5		6	2	61	17	9	2	(144)	2	2	0	0	
20	5	10	0	0	62	18	1	0	200	2	18	4	0	
21	6		1	2	63	18	4	2	(272)	3	19	4	0	
22	6		5	0	64	18	8	0	300	4	7	6	0	
23	6		8	2	65	18	11	2	400	5	16	8	0	
24	7		0	0	66	19	3	0	500	7	5	10	0	
25	7		3	2	67	19	6	2	600	8	15	0	0	
26	7		7	0	68	19	10	0	700	10	4	2	0	
27	7	10	2	0	69	1	0	1	800	11	13	4	0	
(28)	8		2	0	70	1	0	5	900	13	2	6	0	
29	8		5	2	71	1	0	8	1000	14	11	8	0	
30	8		9	0	72	1	1	0	(1200)	17	10	0	0	
31	9		0	2	73	1	1	3	(1728)	25	4	0	0	
32	9		4	0	74	1	1	7	2000	29	3	4	0	
33	9		7	2	75	1	1	10	(2184)	31	17	0	0	
34	9	11	0	0	76	1	2	2	3000	43	15	0	0	
35	10		2	2	77	1	2	5	4000	58	6	8	0	
36	10		6	0	78	1	2	9	5000	72	18	4	0	
37	10		9	2	79	1	3	0	6000	87	10	0	0	
38	11		1	0	80	1	3	4	7000	102	1	8	0	
39	11		4	2	81	1	3	7	8000	116	13	4	0	
40	11		8	0	82	1	3	11	9000	131	5	0	0	
41	11	11	2	0	83	1	4	2	10000	145	16	8	0	
42	12		3	0	(84)	1	4	6	20000	291	13	4	0	

The Price of the Foot, Yard, Square, Rod, &c. 155
being Three Pence Three Farthings.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	3 3	43	13 5 1	85	1 6 6 3
2	7 2	44	13 9 0	86	1 6 10 2
3	11 1	45	14 0 3	87	1 7 2 1
4	1 3 0	46	14 4 2	88	1 7 6 0
5	1 6 3	47	14 8 1	89	1 7 9 3
6	1 10 2	48	15 0 0	90	1 8 1 2
7	2 2 1	49	15 3 3	91	1 8 5 1
8	2 6 0	50	15 7 2	92	1 8 9 0
9	2 9 3	51	15 11 1	93	1 9 0 3
10	3 1 2	52	16 3 0	94	1 9 4 2
11	3 5 1	53	16 6 3	95	1 9 8 1
12	3 9 0	54	16 10 2	96	1 10 0 0
13	4 0 3	55	17 2 1	97	1 10 3 3
14	4 4 2	(56)	17 6 0	98	1 10 7 2
15	4 8 1	57	17 9 3	99	1 10 11 1
16	5 0 0	58	18 1 2	100	1 11 3 0
17	5 3 3	59	18 5 1	(112)	1 15 0 0
18	5 7 2	60	18 9 0	(120)	1 17 6 0
19	5 11 1	61	19 0 3	(144)	2 5 0 0
20	6 3 0	62	19 4 2	200	3 2 6 0
21	6 6 3	63	19 8 1	(272)	4 5 0 0
22	6 10 2	64	1 0 0 0	300	4 13 9 0
23	7 2 1	65	1 0 3 3	400	6 5 0 0
24	7 6 0	66	1 0 7 2	500	7 16 3 0
25	7 9 3	67	1 0 11 1	600	9 7 6 0
26	8 1 2	68	1 1 3 0	700	10 18 9 0
27	8 5 1	69	1 1 6 3	800	12 10 0 0
(28)	8 9 0	70	1 1 10 2	900	14 1 3 0
29	9 0 3	71	1 2 2 1	1000	15 12 6 0
30	9 4 2	72	1 2 6 0	(1200)	18 15 0 0
31	9 8 1	73	1 2 9 3	(1728)	27 0 0 0
32	10 0 0	74	1 3 1 2	2000	31 5 0 0
33	10 3 3	75	1 3 5 1	(2184)	34 2 6 0
34	10 7 2	76	1 3 9 0	3000	46 17 6 0
35	10 11 1	77	1 4 0 3	4000	62 10 0 0
36	11 3 0	78	1 4 4 2	5000	78 2 6 0
37	11 6 3	79	1 4 8 1	6000	93 15 0 0
38	11 10 2	80	1 5 0 0	7000	109 7 6 0
39	12 2 1	81	1 5 3 3	8000	125 0 0 0
40	12 6 0	82	1 5 7 2	9000	140 12 6 0
41	12 9 3	83	1 5 11 1	10000	156 5 0 0
42	13 1 2	(84)	1 6 3 0	20000	312 10 0 0

156 The Price of the Foot, Yard, Square, Rod, &c.
being Four Pence.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	0 4	43	14 4	85	1 8 4
2	0 8	44	14 8	86	1 8 8
3	1 0	45	15 0	87	1 9 0
4	1 4	46	15 4	88	1 9 4
5	1 8	47	15 8	89	1 9 8
6	2 0	48	16 0	90	1 10 0
7	2 4	49	16 4	91	1 10 4
8	2 8	50	16 8	92	1 10 8
9	3 0	51	17 0	93	1 11 0
10	3 4	52	17 4	94	1 11 4
11	3 8	53	17 8	95	1 11 8
12	4 0	54	18 0	96	1 12 0
13	4 4	55	18 4	97	1 12 4
14	4 8	(56)	18 8	98	1 12 8
15	5 0	57	19 0	99	1 13 0
16	5 4	58	19 4	100	1 13 4
17	5 8	59	19 8	(112)	1 17 4
18	6 0	60	1 0 0	(120)	2 0 0
19	6 4	61	1 0 4	(144)	2 8 0
20	6 8	62	1 0 8	200	3 6 8
21	7 0	63	1 1 0	(272)	4 10 8
22	7 4	64	1 1 4	300	5 0 0
23	7 8	65	1 1 8	400	6 13 4
24	8 0	66	1 2 0	500	8 6 8
25	8 4	67	1 2 4	600	10 0 0
26	8 8	68	1 2 8	700	11 13 4
27	9 0	69	1 3 0	800	13 6 8
(28)	9 4	70	1 3 4	900	15 0 0
29	9 8	71	1 3 8	1000	16 13 4
30	10 0	72	1 4 0	(1200)	20 0 0
31	10 4	73	1 4 4	(1728)	28 16 0
32	10 8	74	1 4 8	2000	33 6 8
33	11 0	75	1 5 0	(2184)	36 8 0
34	11 4	76	1 5 4	3000	50 0 0
35	11 8	77	1 5 8	4000	66 13 4
36	12 0	78	1 6 0	5000	83 6 8
37	12 4	79	1 6 4	6000	100 0 0
38	12 8	80	1 6 8	7000	116 13 4
39	13 0	81	1 7 0	8000	133 6 8
40	13 4	82	1 7 4	9000	150 0 0
41	13 8	83	1 7 8	10000	166 13 4
42	14 0	(84)	1 8 0	20000	333 6 8

The Price of the Foot, Yard, Square, Rod, &c. 157
being Four Pence Farthing.

Numb.	VALU ^E .				Numb.	VALU ^E .				Numb.	VALU ^E .			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			4	1	43		15	2	3	85	1	10	1	1
2			8	2	44		15	7	0	86	1	10	5	2
3		1	0	3	45		15	11	1	87	1	10	9	3
4		1	5	0	46		16	3	2	88	1	11	2	0
5		1	9	1	47		16	7	3	89	1	11	6	1
6		2	1	2	48		17	0	0	90	1	11	10	2
7		2	5	3	49		17	4	1	91	1	12	2	3
8		2	10	0	50		17	8	2	92	1	12	7	0
9		3	2	1	51		18	0	3	93	1	12	11	1
10		3	6	2	52		18	5	0	94	1	13	3	2
11		3	10	3	53		18	9	1	95	1	13	7	3
12		4	3	0	54		19	1	2	96	1	14	0	0
13		4	7	1	55		19	5	3	97	1	14	4	1
14		4	11	2	(56)		19	10	0	98	1	14	8	2
15		5	3	3	57	1	0	2	1	99	1	15	0	3
16		5	8	0	58	1	0	6	2	100	1	15	5	0
17		6	0	1	59	1	0	10	3	(112)	1	19	8	0
18		6	4	2	60	1	1	3	0	(120)	2	2	6	0
19		6	8	3	61	1	1	7	1	(144)	2	11	0	0
20		7	1	0	62	1	1	11	2	200	3	10	10	0
21		7	5	1	63	1	2	3	3	(272)	4	16	4	0
22		7	9	2	64	1	2	8	0	300	5	6	3	0
23		8	1	3	65	1	3	0	1	400	7	1	8	0
24		8	6	0	66	1	3	4	2	500	8	17	1	0
25		8	10	1	67	1	3	8	3	600	10	12	6	0
26		9	2	2	68	1	4	1	0	700	12	7	11	0
27		9	6	3	69	1	4	5	1	800	14	3	4	0
(28)		9	11	0	70	1	4	9	2	900	15	18	9	0
29	10	3	1		71	1	5	1	3	1000	17	14	2	0
30	10	7	2		72	1	5	6	0	(1200)	21	5	0	0
31	10	11	3		73	1	5	10	1	(1728)	30	12	0	0
32	11	4	0		74	1	6	2	2	2000	35	8	4	0
33	11	8	1		75	1	6	6	3	(2184)	38	13	6	0
34	12	0	2		76	1	6	11	0	3000	53	2	6	0
35	12	4	3		77	1	7	3	1	4000	70	16	8	0
36	12	9	0		78	1	7	7	2	5000	88	10	10	0
37	13	1	1		79	1	7	11	3	6000	106	5	0	0
38	13	5	2		80	1	8	4	0	7000	123	19	2	0
39	13	9	3		81	1	8	8	1	8000	141	13	4	0
40	14	2	0		82	1	9	0	2	9000	159	7	6	0
41	14	6	1		83	1	9	4	3	10000	177	1	8	0
42	14	10	2		(84)	1	9	9	0	20000	354	3	4	0

158 The Price of the Foot, Yard, Square, Rod, &c.
being Four Pence Half-penny.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			4	2	43			16	1 2	85	1	11	10	2
2			9	0	44			16	6 0	86	1	12	3	0
3		1	1	2	45			16	10 2	87	1	12	7	2
4		1	6	0	46			17	3 0	88	1	13	0	0
5		1	10	2	47			17	7 2	89	1	13	4	2
6		2	3	0	48			18	0 0	90	1	13	9	0
7		2	7	2	49			18	4 2	91	1	14	1	2
8		3	0	0	50			18	9 0	92	1	14	6	0
9		3	4	2	51			19	1 2	93	1	14	10	2
10		3	9	0	52			19	6 0	94	1	15	3	0
11		4	1	2	53			19	10 2	95	1	15	7	2
12		4	6	0	54	1	0	3	0	96	1	16	0	0
13		4	10	2	55	1	0	7	2	97	1	16	4	2
14		5	3	0	(56)	1	1	0	0	98	1	16	9	0
15		5	7	2	57	1	1	4	2	99	1	17	1	2
16		6	0	0	58	1	1	9	0	100	1	17	6	0
17		6	4	2	59	1	2	1	2	(112)	2	2	0	0
18		6	9	0	60	1	2	6	0	(120)	2	5	0	0
19		7	1	2	61	1	2	10	2	(144)	2	14	0	0
20		7	6	0	62	1	3	3	0	200	3	15	0	0
21		7	10	2	63	1	3	7	2	(272)	5	2	0	0
22		8	3	0	64	1	4	0	0	300	5	12	6	0
23		8	7	2	65	1	4	4	2	400	7	10	0	0
24		9	0	0	66	1	4	9	0	500	9	7	6	0
25		9	4	2	67	1	5	1	2	600	11	5	0	0
26		9	9	0	68	1	5	6	0	700	13	2	6	0
27		10	1	2	69	1	5	10	2	800	15	0	0	0
(28)		10	6	0	70	1	6	3	0	900	16	17	6	0
29		10	10	2	71	1	6	7	2	1000	18	15	0	0
30		11	3	0	72	1	7	0	0	(1200)	22	10	0	0
31		11	7	2	73	1	7	4	2	(1728)	32	8	0	0
32		12	0	0	74	1	7	9	0	2000	37	10	0	0
33		12	4	2	75	1	8	1	2	(2184)	40	19	0	0
34		12	9	0	76	1	8	6	0	3000	56	5	0	0
35		13	1	2	77	1	8	10	2	4000	75	0	0	0
36		13	6	0	78	1	9	3	0	5000	93	15	0	0
37		13	10	2	79	1	9	7	2	6000	112	10	0	0
38		14	3	0	80	1	10	0	0	7000	131	5	0	0
39		14	7	2	81	1	10	4	2	8000	150	0	0	0
40		15	0	0	82	1	10	9	0	9000	168	15	0	0
41		15	4	2	83	1	11	1	2	10000	187	10	0	0
42		15	9	0	(84)	1	11	6	0	20000	375	0	0	0

The Price of the Foot, Yard, Square, Rod, &c. 159
being Four Pence Three Farthings.

Numb	VALUE.				Numb	VALUE				Numb	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			4	3	43	17	0	1		85	1	13	7	3
2			9	2	44	17	5	0		86	1	14	0	2
3	1		2	1	45	17	9	3		87	1	14	5	1
4	1	7	0		46	18	2	2		88	1	14	10	0
5	1	11	3		47	18	7	1		89	1	15	2	3
6	2	4	2		48	19	0	0		90	1	15	7	2
7	2	9	1		49	19	4	3		91	1	16	0	1
8	3	2	0		50	19	9	2		92	1	16	5	0
9	3	6	3		51	1	0	2	1	93	1	16	9	3
10	3	11	2		52	1	0	7	0	94	1	17	2	2
11	4	4	1		53	1	0	11	3	95	1	17	7	1
12	4	9	0		54	1	1	4	2	96	1	18	0	0
13	5	1	3		55	1	1	9	1	97	1	18	4	3
14	5	6	2		(56)	1	2	2	0	98	1	18	9	2
15	5	11	1		57	1	2	6	3	99	1	19	2	1
16	6	4	0		58	1	2	11	2	100	1	19	7	0
17	6	8	3		59	1	3	4	1	(112)	2	4	4	0
18	7	1	2		60	1	3	9	0	(120)	2	7	6	0
19	7	6	1		61	1	4	1	3	(144)	2	17	0	0
20	7	11	0		62	1	4	6	2	200	3	19	2	0
21	8	3	3		63	1	4	11	1	(272)	5	7	8	0
22	8	8	2		64	1	5	4	0	300	5	18	9	0
23	9	1	1		65	1	5	8	3	400	7	18	4	0
24	9	6	0		66	1	6	1	2	500	9	17	11	0
25	9	10	3		67	1	6	6	1	600	11	17	6	0
26	10	3	2		68	1	6	11	0	700	13	17	1	0
27	10	8	1		69	1	7	3	3	800	15	16	8	0
(28)	11	1	0		70	1	7	8	2	900	17	16	3	0
29	11	5	3		71	1	8	1	1	1000	19	15	10	0
30	11	10	2		72	1	8	6	0	(1200)	23	15	0	0
31	12	3	1		73	1	8	10	3	(1728)	34	4	0	0
32	12	8	0		74	1	9	3	2	2000	39	11	8	0
33	13	0	3		75	1	9	8	1	(2184)	43	4	6	0
34	13	5	2		76	1	10	1	0	3000	59	7	6	0
35	13	10	1		77	1	10	5	3	4000	79	3	4	0
36	14	3	0		78	1	10	10	2	5000	98	19	2	0
37	14	7	3		79	1	11	3	1	6000	118	15	0	0
38	15	0	2		80	1	11	8	0	7000	138	10	10	0
39	15	5	1		81	1	12	0	3	8000	158	6	8	0
40	15	10	0		82	1	12	5	2	9000	178	2	6	0
41	16	2	3		83	1	12	10	1	10000	197	18	4	0
42	16	7	2		(84)	1	13	3	0	20000	395	16	8	0

160 The Price of the Foot, Yard, Square, Rod, &c. being
Five Pence.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			5	0	43		17		11	85		1	15	5
2			10		44		18		4	86		1	15	10
3			1	3	45		18		9	87		1	16	3
4			1	8	46	0	19		2	88		1	16	8
5			2	1	47	0	19		7	89		1	17	1
6			2	6	48		1	0	0	90		1	17	6
7			2	11	49		1	0	5	91		1	17	11
8			3	4	50		1	0	10	92		1	18	4
9			3	9	51		1	1	3	93		1	18	9
10			4	2	52		1	1	8	94		1	19	2
11			4	7	53		1	2	1	95		1	19	7
12			5	0	54		1	2	6	96		2	0	0
13			5	5	55		1	2	11	97		2	0	5
14			5	10	(56)		1	3	4	98		2	0	10
15			6	3	57		1	3	9	99		2	1	3
16			6	8	58		1	4	2	100		2	1	8
17			7	1	59		1	4	7	(112)		2	6	8
18			7	6	60		1	5	0	(120)		2	10	0
19			7	11	61		1	5	5	(144)		3	0	0
20			8	4	62		1	5	10	200		4	3	4
21			8	9	63		1	6	3	(272)		5	13	4
22			9	2	64		1	6	8	300		6	5	0
23			9	7	65		1	7	1	400		8	6	8
24			10	0	66		1	7	6	500		10	8	4
25			10	5	67		1	7	11	600		12	10	0
26			10	10	68		1	8	4	700		14	11	8
27			11	3	69		1	8	9	800		16	13	4
(28)			11	8	70		1	9	2	900		18	15	0
29			12	1	71		1	9	7	1000		20	16	8
30			12	6	72		1	10	0	(1200)		25	0	0
31			12	11	73		1	10	5	(1728)		36	0	0
32			13	4	74		1	10	10	2000		41	3	4
33			13	9	75		1	11	3	(2184)		45	10	0
34			14	2	76		1	11	8	3000		62	10	0
35			14	7	77		1	12	1	4000		83	6	8
36			15	0	78		1	12	6	5000		104	3	4
37			15	5	79		1	12	11	6000		125	0	0
38			15	10	80		1	13	4	7000		145	16	8
39			16	3	81		1	13	9	8000		166	13	4
40			16	8	82		1	14	2	9000		187	10	0
41			17	1	83		1	14	7	10000		208	6	8
42			17	6	(84)		1	15	0	20000		416	13	4

The Price of the Foot, Yard, Square, Rod, &c. 161
being Five Pence Farthing.

Numb.	VALUE.	Numb.	VALUE.	Numb.	VALUE.
	l. s. d. f.		l. s. d. f.		l. s. d. f.
1	5 1	43	18 9 3	85	1 17 2 1
2	10 2	44	19 3 0	86	1 17 7 2
3	1 3 3	45	19 8 1	87	1 18 0 3
4	1 9 0	46	1 0 1 2	88	1 18 6 0
5	2 2 1	47	1 0 6 3	89	1 18 11 1
6	2 7 2	48	1 1 0 0	90	1 19 4 2
7	3 0 3	49	1 1 5 1	91	1 19 9 3
8	3 6 0	50	1 1 10 2	92	2 0 3 0
9	3 11 1	51	1 2 3 3	93	2 0 8 1
10	4 4 2	52	1 2 9 0	94	2 1 1 2
11	4 9 3	53	1 3 2 1	95	2 1 6 3
12	5 3 0	54	1 3 7 2	96	2 2 0 0
13	5 8 1	55	1 4 0 3	97	2 2 5 1
14	6 1 2	(56)	1 4 6 0	98	2 2 10 2
15	6 6 3	57	1 4 11 1	99	2 3 3 3
16	7 0 0	58	1 5 4 2	100	2 3 9 0
17	7 5 1	59	1 5 9 3	(112)	2 9 0 0
18	7 10 2	60	1 6 3 0	(120)	2 12 6 0
19	8 3 3	61	1 6 8 1	(144)	3 3 0 0
20	8 9 0	62	1 7 1 2	200	4 7 6 0
21	9 2 1	63	1 7 6 3	(272)	5 19 0 0
22	9 7 2	64	1 8 0 0	300	6 11 3 0
23	10 0 3	65	1 8 5 1	400	8 15 0 0
24	10 6 0	66	1 8 10 2	500	10 18 9 0
25	10 11 1	67	1 9 3 3	600	13 2 6 0
26	11 4 2	68	1 9 9 0	700	15 6 3 0
27	11 9 3	69	1 10 2 1	800	17 10 0 0
(28)	12 3 0	70	1 10 7 2	900	19 13 9 0
29	12 8 1	71	1 11 0 3	1000	21 17 6 0
30	13 1 2	72	1 11 6 0	(1200)	26 4 0 0
31	13 6 3	73	1 11 11 1	(1728)	37 16 0 0
32	14 0 0	74	1 12 4 2	2000	43 15 0 0
33	14 5 1	75	1 12 9 3	(2184)	47 15 6 0
34	14 10 2	76	1 13 3 0	3000	65 12 6 0
35	15 3 3	77	1 13 8 1	4000	87 10 0 0
36	15 9 0	78	1 14 1 2	5000	109 7 6 0
37	16 2 1	79	1 14 6 3	6000	131 5 0 0
38	16 7 2	80	1 15 0 0	7000	153 2 6 0
39	17 0 3	81	1 15 5 1	8000	175 0 0 0
40	17 6 0	82	1 15 10 2	9000	196 17 6 0
41	17 11 1	83	1 16 3 3	10000	218 15 0 0
42	18 4 2	(84)	1 16 9 0	20000	437 10 0 0

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	5 2	43	19 8 2	85	1 18 11 2
2	11 0	44	1 0 2 0	86	1 19 5 0
3	1 4 2	45	1 0 7 2	87	1 19 10 2
4	1 10 0	46	1 1 1 0	88	2 0 4 0
5	2 3 2	47	1 1 6 2	89	2 0 9 2
6	2 9 0	48	1 2 9 0	90	2 1 3 0
7	3 2 2	49	1 2 5 2	91	2 1 8 2
8	3 8 0	50	1 2 11 0	92	2 2 2 0
9	4 1 2	51	1 3 4 2	93	2 2 7 2
10	4 7 0	52	1 3 10 0	94	2 3 1 0
11	5 0 2	53	1 4 3 2	95	2 3 6 2
12	5 6 0	54	1 4 9 0	96	2 4 0 0
13	5 11 2	55	1 5 2 2	97	2 4 5 2
14	6 5 0	(56)	1 5 8 0	98	2 4 11 0
15	6 10 2	57	1 6 1 2	99	2 5 4 2
16	7 4 0	58	1 6 7 0	100	2 5 10 0
17	7 9 2	59	1 7 0 2	(112)	2 11 4 0
18	8 3 0	60	1 7 6 0	(120)	2 15 0 0
19	8 8 2	61	1 7 11 2	(144)	3 6 0 0
20	9 2 0	62	1 8 5 0	200	4 11 8 0
21	9 7 2	63	1 8 10 2	(272)	6 4 8 0
22	10 1 0	64	1 9 4 0	300	6 17 6 0
23	10 6 2	65	1 9 9 2	400	9 3 4 0
24	11 0 0	66	1 10 3 0	500	11 9 2 0
25	11 5 2	67	1 10 8 2	600	13 15 0 0
26	11 11 0	68	1 11 2 0	700	16 0 10 0
27	12 4 2	69	1 11 7 2	800	18 6 8 0
(28)	12 10 0	70	1 12 1 0	900	20 12 6 0
29	13 3 2	71	1 12 6 2	1000	22 18 4 0
30	13 9 0	72	1 13 0 0	(1200)	27 10 0 0
31	14 2 2	73	1 13 5 2	(1728)	39 12 0 0
32	14 8 0	74	1 13 11 0	2000	45 16 8 0
33	15 1 2	75	1 14 4 2	(2184)	50 1 0 0
34	15 7 0	76	1 14 10 0	3000	68 15 0 0
35	16 0 2	77	1 15 3 2	4000	91 13 4 0
36	16 6 0	78	1 15 9 0	5000	114 11 8 0
37	16 11 2	79	1 16 2 2	6000	137 10 0 0
38	17 5 0	80	1 16 8 0	7000	160 8 4 0
39	17 10 2	81	1 17 1 2	8000	183 6 8 0
40	18 4 0	82	1 17 7 0	9000	206 5 0 0
41	18 9 2	83	1 18 0 2	10000	229 3 4 0
42	19 3 0	(84)	1 18 6 0	20000	458 6 8 0

The Price of the Foot, Yard, Square, Rod, &c. 163
being Five Pence Three Farthings.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	5 3	43	1 0 7 1	85	2 0 8 3
2	11 2	44	1 1 1 0	86	2 1 2 2
3	1 5 1	45	1 1 6 3	87	2 1 8 1
4	1 11 0	46	1 2 0 2	88	2 2 2 0
5	2 4 3	47	1 2 6 1	89	2 2 7 3
6	2 10 2	48	1 3 0 0	90	2 3 1 2
7	3 4 1	49	1 3 5 3	91	2 3 7 1
8	3 10 0	50	1 3 11 2	92	2 4 1 0
9	4 3 3	51	1 4 5 1	93	2 4 6 3
10	4 9 2	52	1 4 11 0	94	2 5 0 2
11	5 3 1	53	1 5 4 3	95	2 5 6 1
12	5 9 0	54	1 5 10 2	96	2 6 0 0
13	6 2 3	55	1 6 4 1	97	2 6 5 3
14	6 8 2	(56)	1 6 10 0	98	2 6 11 2
15	7 2 1	57	1 7 3 3	99	2 7 5 1
16	7 8 0	58	1 7 9 2	100	2 7 11 0
17	8 1 3	59	1 8 3 1	(112)	2 13 8 0
18	8 7 2	60	1 8 9 0	(120)	2 17 6 0
19	9 1 1	61	1 9 2 3	(144)	3 9 0 0
20	9 7 0	62	1 9 8 2	200	4 15 10 0
21	10 0 3	63	1 10 2 1	(272)	6 10 4 0
22	10 6 2	64	1 10 8 0	300	7 3 9 0
23	11 0 1	65	1 11 1 3	400	9 11 8 0
24	11 6 0	66	1 11 7 2	500	11 19 7 0
25	11 11 3	67	1 12 1 1	600	14 7 6 0
26	12 5 2	68	1 12 7 0	700	16 15 5 0
27	12 11 1	69	1 13 0 3	800	19 3 4 0
(28)	13 5 0	70	1 13 6 2	900	21 11 3 0
29	13 10 3	71	1 14 0 1	1000	23 19 2 0
30	14 4 2	72	1 14 6 0	(1200)	28 15 0 0
31	14 10 1	73	1 14 11 3	(1728)	41 8 0 0
32	15 4 0	74	1 15 5 2	2000	47 18 4 0
33	15 9 3	75	1 15 11 1	(2184)	52 6 6 0
34	16 3 2	76	1 16 5 0	3000	71 17 6 0
35	16 9 1	77	1 16 10 3	4000	95 16 8 0
36	17 3 0	78	1 17 4 2	5000	119 15 10 0
37	17 8 3	79	1 17 10 1	6000	143 15 0 0
38	18 2 2	80	1 18 4 0	7000	167 14 2 0
39	18 8 1	81	1 18 9 3	8000	191 13 4 0
40	19 2 0	82	1 19 3 2	9000	215 12 6 0
41	19 7 3	83	1 19 9 1	10000	239 11 8 0
42	1 0 1 2	(84)	2 0 3 0	20000	479 3 4 0

Numb.	VALUE.			Numb.	VALUE			Numb.	VALUE.			
	l.	s.	d. f.		l.	s.	d. f.		l.	s.	d.	f.
1		6		43	1	1	6	85	2	2	6	
2	1	0		44	1	2	0	86	2	3	0	
3	1	6		45	1	2	6	87	2	3	6	
4	2	0		46	1	3	0	88	2	4	0	
5	2	6		47	1	3	6	89	2	4	6	
6	3	0		48	1	4	0	90	2	5	0	
7	3	6		49	1	4	6	91	2	5	6	
8	4	0		50	1	5	0	92	2	6	0	
9	4	6		51	1	5	6	93	2	6	6	
10	5	0		52	1	6	0	94	2	7	0	
11	5	6		53	1	6	6	95	2	7	6	
12	6	0		54	1	7	0	96	2	8	0	
13	6	6		55	1	7	6	97	2	8	6	
14	7	0		(56)	1	8	0	98	2	9	0	
15	7	6		57	1	8	6	99	2	9	6	
16	8	0		58	1	9	0	100	2	10	0	
17	8	6		59	1	9	6	(112)	2	16	0	
18	9	0		60	1	10	0	(120)	3	0	0	
19	9	6		61	1	10	6	(144)	3	12	0	
20	10	0		62	1	11	0	200	5	0	0	
21	10	6		63	1	11	6	(272)	6	16	0	
22	11	0		64	1	12	0	300	7	10	0	
23	11	6		65	1	12	6	400	10	0	0	
24	12	0		66	1	13	0	500	12	10	0	
25	12	6		67	1	13	6	600	15	0	0	
26	13	0		68	1	14	0	700	17	10	0	
27	13	6		69	1	14	6	800	20	0	0	
(28)	14	0		70	1	15	0	900	22	10	0	
29	14	6		71	1	15	6	1000	25	0	0	
30	15	0		72	1	16	0	(1200)	30	0	0	
31	15	6		73	1	16	6	(1728)	43	4	0	
32	16	0		74	1	17	0	2000	50	0	0	
33	16	6		75	1	17	6	(2184)	54	12	0	
34	17	0		76	1	18	0	3000	75	0	0	
35	17	6		77	1	18	6	4000	100	0	0	
36	18	0		78	1	19	0	5000	125	0	0	
37	18	6		79	1	19	6	6000	150	0	0	
38	19	0		80	2	0	0	7000	175	0	0	
39	19	6		81	2	0	6	8000	200	0	0	
40	I	0	0	82	2	1	0	9000	225	0	0	
41	I	0	6	83	2	1	6	10000	250	0	0	
42	I	1	0	(84)	2	2	0	20000	500	0	0	

The Price of the Foot, Yard, Square, Rod, &c. 165
being Six Pence Half-penny.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	0 2	43	l 3 3 4	85	2 6 0 2
2	1 1 0	44	l 3 10 0	86	2 6 7 0
3	1 7 2	45	l 4 4 4	87	2 7 1 2
4	2 2 0	46	l 4 11 0	88	2 7 8 0
5	2 8 2	47	l 5 5 2	89	2 8 2 2
6	3 3 0	48	l 6 0 0	90	2 8 9 0
7	3 9 2	49	l 6 6 2	91	2 9 3 2
8	4 4 0	50	l 7 1 0	92	2 9 10 0
9	4 10 2	51	l 7 7 2	93	2 10 4 2
10	5 5 0	52	l 8 2 0	94	2 10 11 0
11	5 11 2	53	l 8 8 2	95	2 11 5 2
12	6 6 0	54	l 9 3 0	96	2 12 0 0
13	7 0 2	55	l 9 9 2	97	2 12 6 2
14	7 7 0	(56)	l 10 4 0	98	2 13 1 0
15	8 1 2	57	l 10 10 2	99	2 13 7 2
16	8 8 0	58	l 11 5 0	100	2 14 2 0
17	9 2 2	59	l 11 11 2	(112)	3 0 8 0
18	9 9 0	60	l 12 6 0	(120)	3 5 0 0
19	10 3 2	61	l 13 0 2	(144)	3 18 0 0
20	10 10 0	62	l 13 7 0	200	5 8 4 0
21	11 4 2	63	l 14 1 2	(272)	7 7 4 0
22	11 11 0	64	l 14 8 0	300	8 2 6 0
23	12 5 2	65	l 15 2 2	400	10 16 8 0
24	13 0 0	66	l 15 9 0	500	13 10 10 0
25	13 6 2	67	l 16 3 2	600	16 5 0 0
26	14 1 0	68	l 16 10 0	700	18 19 2 0
27	14 7 2	69	l 17 4 2	800	21 13 4 0
(28)	15 2 0	70	l 17 11 0	900	24 7 6 0
29	15 8 2	71	l 18 5 2	1000	27 1 8 0
30	16 3 0	72	l 19 0 0	(1200)	32 10 0 0
31	16 9 2	73	l 19 6 2	(1728)	46 16 0 0
32	17 4 0	74	2 0 1 0	2000	54 3 4 0
33	17 10 2	75	2 0 7 2	(2184)	59 3 0 0
34	18 5 0	76	2 1 2 0	3000	81 5 0 0
35	18 11 2	77	2 1 8 2	4000	108 6 8 0
36	19 6 0	78	2 2 3 0	5000	135 8 4 0
37	1 0 0 2	79	2 2 9 2	6000	162 10 0 0
38	1 0 7 0	80	2 3 4 0	7000	189 11 8 0
39	1 1 1 2	81	2 3 10 2	8000	216 13 0 0
40	1 1 8 0	82	2 4 5 0	9000	243 15 0 0
41	1 2 2 2	83	2 4 11 2	10000	270 16 8 0
42	1 2 9 0	(84)	2 5 6 0	20000	541 13 4 0

166 The Price of the Foot, Yard, Square, Rod, &c.
being Seven Pence.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	7	43	1 5 1	85	2 9 7
2	1 2	44	1 5 8	86	2 10 2
3	1 9	45	1 6 3	87	2 10 9
4	2 4	46	1 6 10	88	2 11 4
5	2 11	47	1 7 5	89	2 11 11
6	3 6	48	1 8 0	90	2 12 6
7	4 1	49	1 8 7	91	2 13 1
8	4 8	50	1 9 2	92	2 13 8
9	5 3	51	1 9 9	93	2 14 3
10	5 10	52	1 10 4	94	2 14 10
11	6 5	53	1 10 11	95	2 15 5
12	7 0	54	1 11 6	96	2 16 0
13	7 7	55	1 12 1	97	2 16 7
14	8 2	(56)	1 12 8	98	2 17 2
15	8 9	57	1 13 3	99	2 17 9
16	9 4	58	1 13 10	100	2 18 4
17	9 11	59	1 14 5	(112)	3 5 4
18	10 6	60	1 15 0	(120)	3 10 0
19	11 1	61	1 15 7	(144)	4 4 0
20	11 8	62	1 16 2	200	5 16 8
21	12 3	63	1 16 9	(272)	7 18 8
22	12 10	64	1 17 4	300	8 15 0
23	13 5	65	1 17 11	400	11 13 4
24	14 0	66	1 18 6	500	14 11 8
25	14 7	67	1 19 1	600	17 10 0
26	15 2	68	1 19 8	700	20 8 4
27	15 9	69	2 0 3	800	23 6 8
(28)	16 4	70	2 0 10	900	26 5 0
29	16 11	71	2 1 5	1000	29 3 4
30	17 6	72	2 2 0	(1200)	35 0 0
31	18 1	73	2 2 7	(1728)	50 8 0
32	18 8	74	2 3 2	2000	58 6 8
33	19 3	75	2 3 9	(2184)	63 14 0
34	19 10	76	2 4 4	3000	87 10 0
35	1 0 5	77	2 4 11	4000	116 13 4
36	1 1 0	78	2 5 6	5000	145 16 8
37	1 1 7	79	2 6 1	6000	175 0 0
38	1 2 2	80	2 6 8	7000	204 3 4
39	1 2 9	81	2 7 3	8000	233 6 8
40	1 3 4	82	2 7 10	9000	262 10 0
41	1 3 11	83	2 8 5	10000	291 13 4
42	1 4 6	(84)	2 9 0	20000	583 6 8

The Price of the Foot, Yard, Square, Rod, &c. 167
being Seven Pence Half-penny.

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			7	2	43	1	6	10	2	85	2	13	1	2
2	1	3	0		44	1	7	6	0	86	2	13	9	0
3		1	10	2	45	1	8	1	2	87	2	14	4	2
4	2	6	0		46	1	8	9	0	88	2	15	0	0
5	3	1	2		47	1	9	4	2	89	2	15	7	2
6	3	9	0		48	1	10	0	0	90	2	16	3	0
7	4	4	2		49	1	10	7	2	91	2	16	10	2
8	5	0	0		50	1	11	3	0	92	2	17	6	0
9	5	7	2		51	1	11	10	2	93	2	18	1	2
10	6	3	0		52	1	12	6	0	94	2	18	9	0
11	6	10	2		53	1	13	1	2	95	2	19	4	2
12	7	6	0		54	1	13	9	0	96	3	0	0	0
13	8	1	2		55	1	14	4	2	97	3	0	7	2
14	8	9	0	(56)	56	1	15	0	0	98	3	1	3	0
15	9	4	2		57	1	15	7	2	99	3	1	10	2
16	10	0	0		58	1	16	3	0	100	3	2	6	0
17	10	7	2		59	1	16	10	2	(112)	3	10	0	0
18	11	3	0		60	1	17	6	0	(120)	3	15	0	0
19	11	10	2		61	1	18	1	2	(144)	4	10	0	0
20	11	6	0		62	1	18	9	0	200	6	5	0	0
21	13	1	2		63	1	19	4	2	(272)	8	10	0	0
22	13	9	0		64	2	0	0	0	300	9	7	6	0
23	14	4	2		65	2	0	7	2	400	12	10	0	0
24	15	0	0		66	2	1	3	0	500	15	12	6	0
25	15	7	2		67	2	1	10	2	600	18	15	0	0
26	16	3	0		68	2	2	6	0	700	21	17	6	0
27	16	10	2		69	2	3	1	2	800	25	0	0	0
(28)	17	6	0		70	2	3	9	0	900	28	2	6	0
29	18	1	2		71	2	4	4	2	1000	31	5	0	0
30	18	9	0		72	2	5	0	0	(1200)	37	10	0	0
31	19	4	2		73	2	5	7	2	(1728)	54	0	0	0
32	1	0	0	0	74	2	6	3	0	2000	62	10	0	0
33	1	0	7	2	75	2	6	10	2	(2184)	68	5	0	0
34	1	1	3	0	76	2	7	6	0	3000	93	15	0	0
35	1	1	10	2	77	2	8	1	2	4000	125	0	0	0
36	1	2	6	0	78	2	8	9	0	5000	156	5	0	0
37	1	3	1	2	79	2	9	4	2	6000	187	10	0	0
38	1	3	9	0	80	2	10	0	0	7000	218	15	0	0
39	1	4	4	2	81	2	10	7	2	8000	250	0	0	0
40	1	5	0	0	82	2	11	3	0	9000	281	5	0	0
41	1	5	7	2	83	2	11	10	2	10000	312	10	0	0
42	1	6	3	0	(84)	2	12	6	0	20000	625	0	0	0

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	8	43	1 8 8	85	2 16 8
2	1 4	44	1 9 4	86	2 17 4
3	2 0	45	1 10 0	87	2 18 0
4	2 8	46	1 10 8	88	2 18 8
5	3 4	47	1 11 4	89	2 19 4
6	4 0	48	1 12 0	90	3 0 0
7	4 8	49	1 12 8	91	3 0 8
8	5 4	50	1 13 4	92	3 1 4
9	6 0	51	1 14 0	93	3 2 0
10	6 8	52	1 14 8	94	3 2 8
11	7 4	53	1 15 4	95	3 3 4
12	8 0	54	1 16 0	96	3 4 0
13	8 8	55	1 16 8	97	3 4 8
14	9 4	(56)	1 17 4	98	3 5 4
15	10 0	57	1 18 0	99	3 6 0
16	10 8	58	1 18 8	100	3 6 8
17	11 4	59	1 19 4	(112)	3 14 8
18	12 0	60	2 0 0	(120)	4 0 0
19	12 8	61	2 0 8	(144)	4 16 0
20	13 4	62	2 1 4	200	6 13 4
21	14 0	63	2 2 0	(272)	9 1 4
22	14 8	64	2 2 8	300	10 0 0
23	15 4	65	2 3 4	400	13 6 8
24	16 0	66	2 4 0	500	16 13 4
25	16 8	67	2 4 8	600	20 0 0
26	17 4	68	2 5 4	700	23 6 8
27	18 0	69	2 6 0	800	26 13 4
(28)	18 8	70	2 6 8	900	30 0 0
29	19 4	71	2 7 4	1000	33 6 8
30	1 0 0	72	2 8 0	(1200)	40 0 0
31	1 0 8	73	2 8 8	(1728)	57 12 0
32	1 1 4	74	2 9 4	2000	66 13 4
33	1 2 0	75	2 10 0	(2184)	72 16 0
34	1 2 8	76	2 10 8	3000	100 0 0
35	1 3 4	77	2 11 4	4000	133 6 8
36	1 4 0	78	2 12 0	5000	166 13 4
37	1 4 8	79	2 12 8	6000	200 0 0
38	1 5 4	80	2 13 4	7000	233 6 8
39	1 6 0	81	2 14 0	8000	266 13 4
40	1 6 8	82	2 14 8	9000	300 0 0
41	1 7 4	83	2 15 4	10000	333 6 8
42	1 8 0	(84)	2 16 0	20000	666 13 4

The Price of the Foot, Yard, Square, Rod, &c.
being Eight Pence Halfpenny.

169

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	8 2	43	1 10 5 2	85	3 0 2 2
2	1 5 0	44	1 11 2 0	86	3 0 11 0
3	2 1 2	45	1 11 10 2	87	3 1 7 2
4	2 10 0	46	1 12 7 0	88	3 2 4 0
5	3 6 2	47	1 13 3 2	89	3 3 0 2
6	4 3 0	48	1 14 0 0	90	3 3 9 0
7	4 11 2	49	1 14 8 2	91	3 4 5 2
8	5 8 0	50	1 15 5 0	92	3 5 2 0
9	6 4 2	51	1 16 1 2	93	3 5 10 2
10	7 1 0	52	1 16 10 0	94	3 6 7 0
11	7 9 2	53	1 17 6 2	95	3 7 3 2
12	8 6 0	54	1 18 3 0	96	3 8 0 0
13	9 2 2	55	1 18 11 2	97	3 8 8 2
14	9 11 0	(56)	1 19 8 0	98	3 9 5 0
15	10 7 2	57	2 0 4 2	99	3 10 1 2
16	11 4 0	58	2 1 1 0	100	3 10 10 0
17	12 0 2	59	2 1 9 2	(112)	3 19 4 0
18	12 9 0	60	2 2 6 0	(120)	4 5 0 0
19	13 5 2	61	2 3 2 2	(144)	5 2 0 0
20	14 2 0	62	2 3 11 0	200	7 1 8 0
21	14 10 2	63	2 4 7 2	(272)	9 12 8 0
22	15 7 0	64	2 5 4 0	300	10 12 6 0
23	16 3 2	65	2 6 0 2	400	14 3 4 0
24	17 0 0	66	2 6 9 0	500	17 14 2 0
25	17 8 2	67	2 7 5 2	600	21 5 0 0
26	18 5 0	68	2 8 2 0	700	24 15 10 0
27	19 1 2	69	2 8 10 2	800	28 6 8 0
(28)	19 10 0	70	2 9 7 0	900	31 17 6 0
29	1 0 6 2	71	2 10 3 2	1000	35 8 4 0
30	1 1 3 0	72	2 11 0 0	(1200)	42 10 0 0
31	1 1 11 2	73	2 11 8 2	(1728)	61 4 0 0
32	1 2 8 0	74	2 12 5 0	2000	70 16 8 0
33	1 3 4 2	75	2 13 1 2	(2184)	77 7 0 0
34	1 4 1 0	76	2 13 10 0	3000	106 5 0 0
35	1 4 9 2	77	2 14 6 2	4000	141 13 4 0
36	1 5 6 0	78	2 15 3 0	5000	177 1 8 0
37	1 6 2 2	79	2 15 11 2	6000	212 10 0 0
38	1 6 11 0	80	2 16 8 0	7000	247 18 4 0
39	1 7 7 2	81	2 17 4 2	8000	283 6 8 0
40	1 8 4 0	82	2 18 1 0	9000	318 15 0 0
41	1 9 0 2	83	2 18 9 2	10000	354 3 4 0
42	1 9 9 0	(84)	2 19 6 0	20000	708 6 8 0

Numb.	VALUE.				Numb.	VALUE.				Numb.	VALUE.			
	l.	s.	d.	f.		l.	s.	d.	f.		l.	s.	d.	f.
1			9		43	1	12	3		85	3	3	9	
2	1		6		44	1	13	0		86	3	4	6	
3	2		3		45	1	13	9		87	3	5	3	
4	3		0		46	1	14	6		88	3	6	0	
5	3		9		47	1	15	3		89	3	6	9	
6	4		6		48	1	16	0		90	3	7	6	
7	5		3		49	1	16	9		91	3	8	3	
8	6		0		50	1	17	6		92	3	9	0	
9	6		9		51	1	18	3		93	3	9	9	
10	7		6		52	1	19	0		94	3	10	6	
11	8		3		53	1	19	9		95	3	11	3	
12	9		0		54	2	0	6		96	3	12	0	
13	9		9		55	2	1	3		97	3	12	9	
14	10		6		(56)	2	2	0		98	3	13	6	
15	11		3		57	2	2	9		99	3	14	3	
16	12		0		58	2	3	6		100	3	15	0	
17	12		9		59	2	4	3		(112)	4	4	0	
18	13		6		60	2	5	0		(120)	4	10	0	
19	14		3		61	2	5	9		(144)	5	8	0	
20	15		0		62	2	6	6		200	7	10	0	
21	15		9		63	2	7	3		(272)	10	4	0	
22	16		6		64	2	8	0		300	11	5	0	
23	17		3		65	2	8	9		400	15	0	0	
24	18		0		66	2	9	6		500	18	15	0	
25	18		9		67	2	10	3		600	22	10	0	
26	19		6		68	2	11	0		700	26	5	0	
27	1	0	3		69	2	11	9		800	30	0	0	
(28)	1	1	0		70	2	12	6		900	33	15	0	
29	1	1	9		71	2	13	3		1000	47	10	0	
30	1	2	6		72	2	14	0		(1200)	45	0	0	
31	1	3	3		73	2	14	9		(1728)	64	16	0	
32	1	4	0		74	2	15	6		2000	75	0	0	
33	1	4	9		75	2	16	3		(2184)	81	18	0	
34	1	5	6		76	2	17	0		3000	112	10	0	
35	1	6	3		77	2	17	9		4000	150	0	0	
36	1	7	0		78	2	18	6		5000	187	10	0	
37	1	7	9		79	2	19	3		6000	225	0	0	
38	1	8	6		80	3	0	0		7000	262	10	0	
39	1	9	3		81	3	0	9		8000	300	0	0	
40	1	10	0		82	3	1	6		9000	337	10	0	
41	1	10	9		83	3	2	3		10000	375	0	0	
42	1	11	6		(84)	3	3	0		20000	750	0	0	

The Price of the Foot, Yard, Square, Rod, &c. 171
being Nine Pence Half-penny.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	9 2	43	1 14 0 2	85	3 7 3 2
2	1 7 0	44	1 14 10 0	86	3 8 1 0
3	2 4 2	45	1 15 7 2	87	3 8 10 2
4	3 2 0	46	1 16 5 0	88	3 9 8 0
5	3 11 2	47	1 17 2 2	89	3 10 5 2
6	4 9 0	48	1 18 0 0	90	3 11 3 0
7	5 6 2	49	1 18 9 2	91	3 12 0 2
8	6 4 0	50	1 19 7 0	92	3 12 10 0
9	7 1 2	51	2 0 4 2	93	3 13 7 2
10	7 11 0	52	2 1 2 0	94	3 14 5 0
11	8 8 2	53	2 1 11 2	95	3 15 2 2
12	9 6 0	54	2 2 9 0	96	3 16 0 0
13	10 3 2	55	2 3 6 2	97	3 16 9 2
14	11 1 0	(56)	2 4 4 0	98	3 17 7 0
15	11 10 2	57	2 5 1 2	99	3 18 4 2
16	12 8 0	58	2 5 11 0	100	3 19 2 0
17	13 5 2	59	2 6 8 2	(112)	4 8 8 0
18	14 3 0	60	2 7 6 0	(120)	4 15 0 0
19	15 0 2	61	2 8 3 2	(144)	5 14 0 0
20	15 10 0	62	2 9 1 0	200	7 18 4 0
21	16 7 2	63	2 9 10 2	(272)	10 15 4 0
22	17 5 0	64	2 10 8 0	300	11 17 6 0
23	18 2 2	65	2 11 5 2	400	15 16 8 0
24	19 0 0	66	2 12 3 0	500	19 15 10 0
25	19 9 2	67	2 13 0 2	600	23 15 0 0
26	1 0 7 0	68	2 13 10 0	700	27 14 2 0
27	1 1 4 2	69	2 14 7 2	800	31 13 4 0
(28)	1 2 2 0	70	2 15 5 0	900	35 12 6 0
29	1 2 11 2	71	2 16 2 2	1000	39 11 8 0
30	1 3 9 0	72	2 17 0 0	(1200)	47 10 0 0
31	1 4 6 2	73	2 17 9 2	(1728)	68 8 0 0
32	1 5 4 0	74	2 18 7 0	2000	79 3 4 0
33	1 6 1 2	75	2 19 4 2	(2184)	86 9 0 0
34	1 6 11 0	76	3 0 2 0	3000	118 15 0 0
35	1 7 8 2	77	3 0 11 2	4000	158 6 8 0
36	1 8 6 0	78	3 1 9 0	5000	197 18 4 0
37	1 9 3 2	79	3 2 6 2	6000	237 10 0 0
38	1 10 1 0	80	3 3 4 0	7000	277 1 8 0
39	1 10 10 2	81	3 4 1 2	8000	316 13 4 0
40	1 11 8 0	82	3 4 11 0	9000	356 5 0 0
41	1 12 5 2	83	3 5 8 2	10000	395 16 8 0
42	1 13 3 0	[84]	3 6 6 0	20000	791 13 4 0

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	10	43	1 15 10	85	3 10 10
2	1 8	44	1 16 8	86	3 11 8
3	2 6	45	1 17 6	87	3 12 6
4	3 4	46	1 18 4	88	3 13 4
5	4 2	47	1 19 2	89	3 14 2
6	5 0	48	2 0 0	90	3 15 0
7	5 10	49	2 0 10	91	3 15 10
8	6 8	50	2 1 8	92	3 16 8
9	7 6	51	2 2 6	93	3 17 6
10	8 4	52	2 3 4	94	3 18 4
11	9 2	53	2 4 2	95	3 19 2
12	10 0	54	2 5 0	96	4 0 0
13	10 10	55	2 5 10	97	4 0 10
14	11 8	(56)	2 6 8	98	4 1 8
15	12 6	57	2 7 6	99	4 2 6
16	13 4	58	2 8 4	100	4 3 4
17	14 2	59	2 9 2	(112)	4 13 4
18	15 0	60	2 10 0	(120)	5 0 0
19	15 10	61	2 10 10	(144)	6 0 0
20	16 8	62	2 11 8	200	8 6 8
21	17 6	63	2 12 6	(272)	11 6 8
22	18 4	64	2 13 4	300	12 10 0
23	19 2	65	2 14 2	400	16 13 4
24	1 0 0	66	2 15 0	500	20 16 8
25	1 0 10	67	2 15 10	600	25 0 0
26	1 1 8	68	2 16 8	700	29 3 4
27	1 2 6	69	2 17 6	800	33 6 8
(28)	1 3 4	70	2 18 4	900	37 10 0
29	1 4 2	71	2 19 2	1000	41 13 4
30	1 5 0	72	3 0 0	(1200)	50 0 0
31	1 5 10	73	3 0 10	(1728)	72 0 0
32	1 6 8	74	3 1 8	2000	83 6 8
33	1 7 6	75	3 2 6	(2184)	91 0 0
34	1 8 4	76	3 3 4	3000	125 0 0
35	1 9 2	77	3 4 2	4000	166 13 4
36	1 10 0	78	3 5 0	5000	208 6 8
37	1 10 10	79	3 5 10	6000	250 0 0
38	1 11 8	80	3 6 8	7000	291 13 4
39	1 12 6	81	3 7 6	8000	333 6 8
40	1 13 4	82	3 8 4	9000	375 0 0
41	1 14 2	83	3 9 2	10000	416 13 4
42	1 15 0	(84)	3 10 0	20000	833 6 8

The Price of the Foot, Yard, Square, Rod, &c. 173
being Ten Pence Halfpenny.

Numb	VALUE. l. s. d. f.	Numb	VALUE. l. s. d. f.	Numb	VALUE. l. s. d. f.
1	10 2	43	1 17 7 2	85	3 14 4 2
2	1 9 0	44	1 18 6 0	86	3 15 3 0
3	2 7 2	45	1 19 4 2	87	3 16 1 2
4	3 6 0	46	2 0 3 0	88	3 17 0 0
5	4 4 2	47	2 1 1 2	89	3 17 10 2
6	5 3 0	48	2 2 0 0	90	3 18 9 0
7	6 1 2	49	2 2 10 2	91	3 19 7 2
8	7 0 0	50	2 3 9 0	92	4 0 6 0
9	7 10 2	51	2 4 7 2	93	4 1 4 2
10	8 9 0	52	2 5 6 0	94	4 2 3 0
11	9 7 2	53	2 6 4 2	95	4 3 1 2
12	10 6 0	54	2 7 3 0	96	4 4 0 0
13	11 4 2	55	2 8 1 2	97	4 4 10 2
14	12 3 0	(56)	2 9 0 0	98	4 5 9 0
15	13 1 2	57	2 9 10 2	99	4 6 7 2
16	14 0 0	58	2 10 9 0	100	4 7 6 0
17	14 10 2	59	2 11 7 2	(112)	4 18 0 0
18	15 9 0	60	2 12 6 0	(120)	5 5 0 0
19	16 7 2	61	2 13 4 2	(144)	6 6 0 0
20	17 6 0	62	2 14 3 0	200	8 15 0 0
21	18 4 2	63	2 15 1 2	(272)	11 18 0 0
22	19 3 0	64	2 16 0 0	300	13 2 6 0
23	1 0 1 2	65	2 16 10 2	400	17 10 0 0
24	1 1 0 0	66	2 17 9 0	500	21 17 6 0
25	1 1 10 2	67	2 18 7 2	600	26 5 0 0
26	1 2 9 0	68	2 19 6 0	700	30 12 0 0
27	1 3 7 2	69	3 0 4 2	800	35 0 0 0
(28)	1 4 6 0	70	3 1 3 0	900	39 7 6 0
29	1 5 4 2	71	3 2 1 2	1000	43 15 0 0
30	1 6 3 0	72	3 3 0 0	(1200)	52 10 0 0
31	1 7 1 2	73	3 3 10 2	(1728)	75 12 0 0
32	1 8 0 0	74	3 4 9 0	2000	87 10 0 0
33	1 8 10 2	75	3 5 7 2	(2184)	95 11 0 0
34	1 9 9 0	76	3 6 6 0	3000	131 5 0 0
35	1 10 7 2	77	3 7 4 2	4000	175 0 0 0
36	1 11 6 0	78	3 8 3 0	5000	218 15 0 0
37	1 12 4 2	79	3 9 1 2	6000	262 10 0 0
38	1 13 3 0	80	3 10 0 0	7000	306 5 0 0
39	1 14 1 2	81	3 10 10 2	8000	350 0 0 0
40	1 15 0 0	82	3 11 9 0	9000	393 15 0 0
41	1 15 10 2	83	3 12 7 2	10000	437 10 0 0
42	1 16 9 0	(84)	3 13 6 0	20000	875 0 0 0

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	1 1	43	1 19 5	85	3 17 11
2	1 10	44	2 0 4	86	3 18 10
3	2 9	45	2 1 3	87	3 19 9
4	3 8	46	2 2 2	88	4 0 8
5	4 7	47	2 3 1	89	4 1 7
6	5 6	48	2 4 0	90	4 2 6
7	6 5	49	2 4 11	91	4 3 5
8	7 4	50	2 5 10	92	4 4 4
9	8 3	51	2 6 9	93	4 5 3
10	9 2	52	2 7 8	94	4 6 2
11	10 1	53	2 8 7	95	4 7 1
12	11 0	54	2 9 6	96	4 8 0
13	11 11	55	2 10 5	97	4 8 11
14	12 10	(56)	2 11 4	98	4 9 10
15	13 9	57	2 12 3	99	4 10 9
16	14 8	58	2 13 2	100	4 11 8
17	15 7	59	2 14 1	(112)	5 2 8
18	16 6	60	2 15 0	(120)	5 10 0
19	17 5	61	2 15 11	(144)	6 12 0
20	18 4	62	2 16 10	200	9 3 4
21	19 3	63	2 17 9	(272)	12 9 4
22	1 0 2	64	2 18 8	300	13 15 0
23	1 1 1	65	2 19 7	400	18 6 8
24	1 2 0	66	3 0 6	500	22 18 4
25	1 2 11	67	3 1 5	600	27 10 0
26	1 3 10	68	3 2 4	700	32 1 8
27	1 4 9	69	3 3 3	800	36 13 4
(28)	1 5 8	70	3 4 2	900	41 5 0
29	1 6 7	71	3 5 1	1000	45 16 8
30	1 7 6	72	3 6 0	(1200)	55 0 0
31	1 8 5	73	3 6 11	(1728)	79 4 0
32	1 9 4	74	3 7 10	2000	91 13 4
33	1 10 3	75	3 8 9	(2184)	100 2 0
34	1 11 2	76	3 9 8	3000	137 10 0
35	1 12 1	77	3 10 7	4000	183 6 8
36	1 13 0	78	3 11 6	5000	229 3 4
37	1 13 11	79	3 12 5	6000	275 0 0
38	1 14 10	80	3 13 4	7000	320 16 8
39	1 15 9	81	3 14 3	8000	366 13 4
40	1 16 8	82	3 15 2	9000	412 10 0
41	1 17 7	83	3 16 1	10000	458 6 8
42	1 18 6	(84)	3 17 0	20000	916 13 4

The Price of the Foot, Yard, Square, Rod, &c. 175
being Eleven Pence Half-penny.

Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.	Numb.	VALUE. l. s. d. f.
1	11 2	43	2 1 2 2	85	4 1 5 2
2	1 11 0	44	2 2 2 0	86	4 2 5 0
3	2 10 2	45	2 3 1 2	87	4 3 4 2
4	3 10 0	46	2 4 1 0	88	4 4 4 0
5	4 9 2	47	2 5 0 2	89	4 5 3 2
6	5 9 0	48	2 6 0 0	90	4 6 3 0
7	6 8 2	49	2 6 11 2	91	4 7 2 2
8	7 8 0	50	2 7 11 0	92	4 8 2 0
9	8 7 2	51	2 8 10 2	93	4 9 1 2
10	9 7 0	52	2 9 10 0	94	4 10 1 0
11	10 6 2	53	2 10 9 2	95	4 11 0 2
12	11 6 0	54	2 11 9 0	96	4 12 0 0
13	12 5 2	55	2 12 8 2	97	4 12 11 2
14	13 5 0	(56)	2 13 8 0	98	4 13 11 0
15	14 4 2	57	2 14 7 2	99	4 14 10 2
16	15 4 0	58	2 15 7 0	100	4 15 10 0
17	16 3 2	59	2 16 6 2	(112)	5 7 4 0
18	17 3 0	60	2 17 6 0	(120)	5 15 0 0
19	18 2 2	61	2 18 5 2	(144)	6 18 0 0
20	19 2 0	62	2 19 5 0	200	9 11 8 0
21	1 0 1 2	63	3 0 4 2	(272)	13 0 8 0
22	1 1 1 0	64	3 1 4 0	300	14 7 6 0
23	1 2 0 2	65	3 2 3 2	400	19 3 4 0
24	1 3 0 0	66	3 3 3 0	500	23 19 2 0
25	1 3 11 2	67	3 4 2 2	600	28 15 0 0
26	1 4 11 0	68	3 5 2 0	700	33 10 10 0
27	1 5 10 2	69	3 6 1 2	800	38 6 8 0
(28)	1 6 10 0	70	3 7 1 0	900	43 2 6 0
29	1 7 9 2	71	3 8 0 2	1000	47 18 4 0
30	1 8 9 0	72	3 9 0 0	(1200)	57 10 0 0
31	1 9 8 2	73	3 9 11 2	(1728)	82 16 0 0
32	1 10 8 0	74	3 10 11 0	2000	95 16 8 0
33	1 11 7 2	75	3 11 10 2	(2184)	104 13 0 0
34	1 12 7 0	76	3 12 10 0	3000	143 15 0 0
35	1 13 6 2	77	3 13 9 2	4000	191 13 4 0
36	1 14 6 0	78	3 14 9 0	5000	239 11 8 0
30	1 15 5 2	79	3 15 8 2	6000	287 10 0 0
37	1 16 5 0	80	3 16 8 0	7000	335 8 4 0
38	1 17 4 2	81	3 17 7 2	8000	383 6 8 0
49	1 18 4 0	82	3 18 7 0	9000	431 5 0 0
41	1 19 3 2	83	3 19 6 2	10000	479 3 4 0
42	2 0 3 0	(84)	4 0 6 0	20000	958 6 8 0

176 The Price of the Foot, Yard, Square, Rod, &c.
being One Shilling.

Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	1	43	2 3	85	4 5
2	2	44	2 4	86	4 6
3	3	45	2 5	87	4 7
4	4	46	2 6	88	4 8
5	5	47	2 7	89	4 9
6	6	48	2 8	90	4 10
7	7	49	2 9	91	4 11
8	8	50	2 10	92	4 12
9	9	51	2 11	93	4 13
10	10	52	2 12	94	4 14
11	11	53	2 13	95	4 15
12	12	54	2 14	96	4 16
13	13	55	2 15	97	4 17
14	14	(56)	2 16	98	4 18
15	15	57	2 17	99	4 19
16	16	58	2 18	100	5 0
17	17	59	2 19	(112)	5 12
18	18	60	3 0	(120)	6 0
19	19	61	3 1	(144)	7 4
20	1 0	62	3 2	200	10 0
21	1 1	63	3 3	(272)	13 12
22	1 2	64	3 4	300	15 0
23	1 3	65	3 5	400	20 0
24	1 4	66	3 6	500	25 0
25	1 5	67	3 7	600	30 0
26	1 6	68	3 8	700	35 0
27	1 7	69	3 9	800	40 0
(28)	1 8	70	3 10	900	45 0
29	1 9	71	3 11	1000	50 0
30	1 10	72	3 12	(1200)	60 0
31	1 11	73	3 13	(1728)	86 8
32	1 12	74	3 14	2000	100 0
33	1 13	75	3 15	(2184)	109 4
34	1 14	76	3 16	3000	150 0
35	1 15	77	3 17	4000	200 0
36	1 16	78	3 18	5000	250 0
37	1 17	79	3 19	6000	300 0
38	1 18	80	4 0	7000	350 0
39	1 19	81	4 1	8000	400 0
40	2 0	82	4 2	9000	450 0
41	2 1	83	4 3	10000	500 0
42	2 2	84	4 4	20000	1000 0

The Price of the Foot, Yard, Square, Rod, &c.
being Two Shillings.

177

Numb	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	2	43	4 6	85	8 10
2	4	44	4 8	86	8 12
3	6	45	4 10	87	8 14
4	8	46	4 12	88	8 16
5	10	47	4 14	89	8 18
6	12	48	4 16	90	9 0
7	14	49	4 18	91	9 2
8	16	50	5 0	92	9 4
9	18	51	5 2	93	9 6
10	1 0	52	5 4	94	9 8
11	1 2	53	5 6	95	9 10
12	1 4	54	5 8	96	9 12
13	1 6	55	5 10	97	9 14
14	1 8	(56)	5 12	98	9 16
15	1 10	57	5 14	99	9 18
16	1 12	58	5 16	100	10 0
17	1 14	59	5 18	(112)	11 4
18	1 16	60	6 0	(120)	12 0
19	1 18	61	6 2	(144)	14 8
20	2 0	62	6 4	200	20 0
21	2 2	63	6 6	(272)	27 4
22	2 4	64	6 8	300	30 0
23	2 6	65	6 10	400	40 0
24	2 8	66	6 12	500	50 0
25	2 10	67	6 14	600	60 0
26	2 12	68	6 16	700	70 0
27	2 14	69	6 18	800	80 0
(28)	2 16	70	7 0	900	90 0
29	2 18	71	7 2	1000	100 0
30	3 0	72	7 4	(1200)	120 0
31	3 2	73	7 6	(1728)	172 16
32	3 4	74	7 8	2000	200 0
33	3 6	75	7 10	(2184)	218 8
34	3 8	76	7 12	3000	300 0
35	3 10	77	7 14	4000	400 0
36	3 12	78	7 16	5000	500 0
37	3 14	79	7 18	6000	600 0
38	3 16	80	8 0	7000	700 0
39	3 18	81	8 2	8000	800 0
40	4 0	82	8 4	9000	900 0
41	4 2	83	8 6	10000	1000 0
42	4 4	(84)	8 8	20000	2000 0

178 The Price of the Foot, Yard, Square, Rod, &c.
being Three Shillings.

Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	3	43	6 9	85	12 15
2	6	44	6 12	86	12 18
3	9	45	6 15	87	13 1
4	12	46	6 18	88	13 4
5	15	47	7 1	89	13 7
6	18	48	7 4	90	13 10
7	1 1	49	7 7	91	13 13
8	1 4	50	7 10	92	13 16
9	1 7	51	7 13	93	13 19
10	1 10	52	7 16	94	14 2
11	1 13	53	7 19	95	14 5
12	1 16	54	8 2	96	14 8
13	1 19	55	8 5	97	14 11
14	2 2	(56)	8 8	98	14 14
15	2 5	57	8 11	99	14 17
16	2 8	58	8 14	100	15 0
17	2 11	59	8 17	(112)	16 16
18	2 14	60	9 0	(120)	18 0
19	2 17	61	9 3	(144)	21 12
20	3 0	62	9 6	200	30 0
21	3 3	63	9 9	(272)	40 16
22	3 6	64	9 12	300	45 0
23	3 9	65	9 15	400	60 0
24	3 12	66	9 18	500	75 0
25	3 15	67	10 1	600	90 0
26	3 18	68	10 4	700	105 0
27	4 1	69	10 7	800	120 0
(28)	4 4	70	10 10	900	135 0
29	4 7	71	10 13	1000	150 0
30	4 10	72	10 16	(1200)	180 0
31	4 13	73	10 19	(1728)	259 4
32	4 16	74	11 2	2000	300 0
33	4 19	75	11 5	(2184)	327 12
34	5 2	76	11 8	3000	450 0
35	5 5	77	11 11	4000	600 0
36	5 8	78	11 14	5000	750 0
37	5 11	79	11 17	6000	900 0
38	5 14	80	12 0	7000	1050 0
39	5 17	81	12 3	8000	1200 0
40	6 0	82	12 6	9000	1350 0
41	6 3	83	12 9	10000	1500 0
42	6 6	84	12 12	20000	3000 0

The Price of the Foot, Yard, Square, Rod, &c. 179
being Four Shillings.

Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	4	43	8 12	85	17 0
2	8	44	8 16	86	17 4
3	12	45	9 0	87	17 8
4	16	46	9 4	88	17 12
5	1 0	47	9 8	89	17 16
6	1 4	48	9 12	90	18 0
7	1 8	49	9 16	91	18 4
8	1 12	50	10 0	92	18 8
9	1 16	51	10 4	93	18 12
10	2 0	52	10 8	94	18 16
11	2 4	53	10 12	95	19 0
12	2 8	54	10 16	96	19 4
13	2 12	55	11 0	97	19 8
14	2 16	(56)	11 4	98	19 12
15	3 0	57	11 8	99	19 16
16	3 4	58	11 12	100	20 0
17	3 8	59	11 16	(112)	22 8
18	3 12	60	12 0	(120)	24 0
19	3 16	61	12 4	(144)	28 16
20	4 0	62	12 8	200	40 0
21	4 4	63	12 12	(272)	54 8
22	4 8	64	12 16	300	60 0
23	4 12	65	13 0	400	80 0
24	4 16	66	13 4	500	100 0
25	5 0	67	13 8	600	120 0
26	5 4	68	13 12	700	140 0
27	5 8	69	13 16	800	160 0
(28)	5 12	70	14 0	900	180 0
29	5 16	71	14 4	1000	200 0
30	6 0	72	14 8	(1200)	240 0
31	6 4	73	14 12	(1728)	345 12
32	6 8	74	14 16	2000	400 0
33	6 12	75	15 0	(2184)	436 16
34	6 16	76	15 4	3000	600 0
35	7 0	77	15 8	4000	800 0
36	7 4	78	15 12	5000	1000 0
37	7 8	79	15 16	6000	1200 0
38	7 12	80	16 0	7000	1400 0
39	7 16	81	16 4	8000	1600 0
40	8 0	82	16 8	9000	1800 0
41	8 4	83	16 12	10000	2000 0
42	8 8	(84)	16 16	20000	4000 0

The Price of the Foot, Yard, Square, Rod, &c.
being Five Shillings.

Numb.	VALUE. l. s. d.	Numb.	VALUE l. s. d.	Numb.	VALUE. l. s. d.
1	5	43	10 15	85	21 5
2	10	44	11 0	86	21 10
3	15	45	11 5	87	21 15
4	1 0	46	11 10	88	22 0
5	1 5	47	11 15	89	22 5
6	1 10	48	12 0	90	22 10
7	1 15	49	12 5	91	22 15
8	2 0	50	12 10	92	23 0
9	2 5	51	12 15	93	23 5
10	2 10	52	13 0	94	23 10
11	2 15	53	13 5	95	23 15
12	3 0	54	13 10	96	24 0
13	3 5	55	13 15	97	24 5
14	3 10	(56)	14 0	98	24 10
15	3 15	57	14 5	99	24 15
16	4 0	58	14 10	100	25 0
17	4 5	59	14 15	(112)	28 0
18	4 10	60	15 0	(120)	30 0
19	4 15	61	15 5	(144)	36 0
20	5 0	62	15 10	200	50 0
21	5 5	63	15 15	(272)	68 0
22	5 10	64	16 0	300	75 0
23	5 15	65	16 5	400	100 0
24	6 0	66	16 10	500	125 0
25	6 5	67	16 15	600	150 0
26	6 10	68	17 0	700	175 0
27	6 15	69	17 5	800	200 0
(28)	7 0	70	17 10	900	225 0
29	7 5	71	17 15	1000	250 0
30	7 10	72	18 0	(1200)	300 0
31	7 15	73	18 5	(1728)	432 0
32	8 0	74	18 10	2000	500 0
33	8 5	75	18 15	(2184)	546 0
34	8 10	76	19 0	3000	750 0
35	8 15	77	19 5	4000	1000 0
36	9 0	78	19 10	5000	1250 0
37	9 5	79	19 15	6000	1500 0
38	9 10	80	20 0	7000	1750 0
39	9 15	81	20 5	8000	2000 0
40	10 0	82	20 10	9000	2250 0
41	10 5	83	20 15	10000	2500 0
42	10 10	(84)	21 0	20000	5000 0

The Price of the Foot, Yard, Square, Rod, &c. 181
being Six Shillings.

Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	6	43	12 18	85	25 10
2	12	44	13 4	86	25 16
3	18	45	13 10	87	26 2
4	1 4	46	13 16	88	26 8
5	1 10	47	14 2	89	26 14
6	1 16	48	14 8	90	27 0
7	2 2	49	14 14	91	27 6
8	2 8	50	15 0	92	27 12
9	2 14	51	15 6	93	27 18
10	3 0	52	15 12	94	28 4
11	3 6	53	15 18	95	28 10
12	3 12	54	16 4	96	28 16
13	3 18	55	16 10	97	29 2
14	4 4	(56)	16 16	98	29 8
15	4 10	57	17 2	99	29 14
16	4 16	58	17 8	100	30 0
17	5 2	59	17 14	(112)	33 12
18	5 8	60	18 0	(120)	36 0
19	5 14	61	18 6	(144)	43 4
20	6 0	62	18 12	200	60 0
21	6 6	63	18 18	(272)	81 12
22	6 12	64	19 4	300	90 0
23	6 18	65	19 10	400	120 0
24	7 4	66	19 16	500	150 0
25	7 10	67	20 2	600	180 0
26	7 16	68	20 8	700	210 0
27	8 2	69	20 14	800	240 0
(28)	8 8	70	21 0	900	270 0
29	8 14	71	21 6	1000	300 0
30	9 0	72	21 12	(1200)	360 0
31	9 6	73	21 18	(1728)	518 8
32	9 12	74	22 4	2000	600 0
33	9 18	75	22 10	(2184)	655 4
34	10 4	76	22 16	3000	900 0
35	10 10	77	23 2	4000	1200 0
36	10 16	78	23 8	5000	1500 0
37	11 2	79	23 14	6000	1800 0
38	11 8	80	24 0	7000	2100 0
39	11 14	81	24 6	8000	2400 0
40	12 0	82	24 12	9000	2700 0
41	12 6	83	24 18	10000	3000 0
42	12 12	[84]	25 4	20000	6000 0

The Price of the Foot, Yard, Square, Rod, &c.
being Seven Shillings.

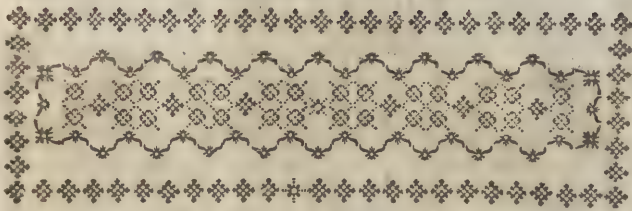
Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	7	43	15 1	85	29 15
2	14	44	15 8	86	30 2
3	1 1	45	15 15	87	30 9
4	1 8	46	16 2	88	30 16
5	1 15	47	16 9	89	31 3
6	2 2	48	16 16	90	31 10
7	2 9	49	17 3	91	31 17
8	2 16	50	17 10	92	32 4
9	3 3	51	17 17	93	32 11
10	3 10	52	18 4	94	32 18
11	3 17	53	18 11	95	33 5
12	4 4	54	18 18	96	33 12
13	4 11	55	19 5	97	33 19
14	4 18	(56)	19 12	98	34 6
15	5 5	57	19 19	99	34 13
16	5 12	58	20 6	100	35 0
17	5 19	59	20 13	(112)	39 4
18	6 6	60	21 0	(120)	42 0
19	6 13	61	21 7	(144)	50 8
20	7 0	62	21 14	200	70 0
21	7 7	63	22 1	(272)	95 4
22	7 14	64	22 8	300	105 0
23	8 1	65	22 15	400	140 0
24	8 8	66	23 2	500	175 0
25	8 15	67	23 9	600	210 0
26	9 2	68	23 16	700	245 0
27	9 9	69	24 3	800	280 0
(28)	9 16	70	24 10	900	315 0
29	10 3	71	24 17	1000	350 0
30	10 10	72	25 4	(1200)	420 0
31	10 17	73	25 11	(1728)	604 16
32	11 4	74	25 18	2000	700 0
33	11 11	75	26 5	(2184)	764 8
34	11 18	76	26 12	3000	1050 0
35	12 5	77	26 19	4000	1400 0
36	12 12	78	27 6	5000	1750 0
37	12 19	79	27 13	6000	2100 0
38	13 6	80	28 0	7000	2450 0
39	13 13	81	28 7	8000	2800 0
40	14 0	82	28 14	9000	3150 0
41	14 7	83	29 1	10000	3500 0
42	14 14	(84)	29 8	20000	7000 0

The Price of the Foot, Yard, Square, Rod, &c. 183
being Eight Shillings.

Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	8	43	17 4	85	34 0
2	16	44	17 12	86	34 8
3	1 4	45	18 0	87	34 16
4	1 12	46	18 8	88	35 4
5	2 0	47	18 16	89	35 12
6	2 8	48	19 4	90	36 0
7	2 16	49	19 12	91	36 8
8	3 4	50	20 0	92	36 16
9	3 12	51	20 8	93	37 4
10	4 0	52	20 16	94	37 12
11	4 8	53	21 4	95	38 0
12	4 16	54	21 12	96	38 8
13	5 4	55	22 0	97	38 16
14	5 12	(56)	22 8	98	39 4
15	6 0	57	22 16	99	39 12
16	6 8	58	23 4	100	40 0
17	6 16	59	23 12	(112)	44 16
18	7 4	60	24 0	(120)	48 0
19	7 12	61	24 8	(144)	57 12
20	8 0	62	24 16	200	80 0
21	8 8	63	25 4	(272)	108 16
22	8 16	64	25 12	300	120 0
23	9 4	65	26 0	400	160 0
24	9 12	66	26 8	500	200 0
25	10 0	67	26 16	600	240 0
26	10 8	68	27 4	700	280 0
27	10 16	69	27 12	800	320 0
(28)	11 4	70	28 0	900	360 0
29	11 12	71	28 8	1000	400 0
30	12 0	72	28 16	(1200)	480 0
31	12 8	73	29 4	(1728)	691 4
32	12 16	74	29 12	2000	800 0
33	13 4	75	30 0	(2184)	873 12
34	13 12	76	30 8	3000	1200 0
35	14 0	77	30 16	4000	1600 0
36	14 8	78	31 4	5000	2000 0
37	14 16	79	31 12	6000	2400 0
38	15 4	80	32 0	7000	2800 0
39	15 12	81	32 8	8000	3200 0
40	16 0	82	32 16	9000	3600 0
41	16 8	83	33 4	10000	4000 0
42	16 16	(84)	33 12	20000	8000 0

The Price of the Foot, Yard, Square, Rod, &c.
being Nine Shillings.

Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.	Numb.	VALUE. l. s. d.
1	9	43	19 7	85	38 5
2	18	44	19 16	86	38 14
3	1 7	45	20 5	87	39 3
4	1 16	46	20 14	88	39 12
5	2 5	47	21 3	89	40 1
6	2 14	48	21 12	90	40 10
7	3 3	49	22 1	91	40 19
8	3 12	50	22 10	92	41 8
9	4 1	51	22 19	93	41 17
10	4 10	52	23 8	94	42 6
11	4 19	53	23 17	95	42 15
12	5 8	54	24 6	96	43 4
13	5 17	55	24 15	97	43 13
14	6 6	(56)	25 4	98	44 2
15	6 15	57	25 13	99	44 11
16	7 4	58	26 2	100	45 0
17	7 13	59	26 11	(112)	50 8
18	8 2	60	27 0	(120)	54 0
19	8 11	61	27 9	(144)	64 16
20	9 0	62	27 18	200	90 0
21	9 9	63	28 7	(272)	122 8
22	9 18	64	28 16	300	135 0
23	10 7	65	29 5	400	180 0
24	10 16	66	29 14	500	225 0
25	11 5	67	30 3	600	270 0
26	11 14	68	30 12	700	315 0
27	12 3	69	31 1	800	360 0
(28)	12 12	70	31 10	900	405 0
29	13 1	71	31 19	1000	450 0
30	13 10	72	32 8	(1200)	540 0
31	13 19	73	32 17	(1728)	777 12
32	14 8	74	33 6	2000	900 0
33	14 17	75	33 15	(2184)	982 16
34	15 6	76	34 4	3000	1350 0
35	15 15	77	34 13	4000	1800 0
36	16 4	78	35 2	5000	2250 0
37	16 13	79	35 11	6000	2700 0
38	17 2	80	36 0	7000	3150 0
39	17 11	81	36 9	8000	3600 0
40	18 0	82	36 18	9000	4050 0
41	18 9	83	37 7	10000	4500 0
42	18 18	(84)	37 16	20000	9000 0



T H E

I N D E X.

A	Page No	Bricks, how many re-	Page No.
A CRE's Length or Breadth } 71	35	quired to build any Piece of Brick-Work of any Number of Feet or Thickness, a Table thereof.	9 10 11 12 13
— Square — } 71	38	Bases of Marble to Columns	17
Arches of Brick, their Price. } 3	17	Bolts of various Sorts.	56
— To Measure. — } 67	5	Bath Stone wrought.	16
Architraves of Marble. } 17	38	Ditto, freight plain Work.	16
— How measured. } 67	5	— Circular plain-work,	16
Ashlering, or Ceiling Floors. } 22	69	— Streight moulded.	16
Ash Grates. } 52	6	— Circular moulded.	16
Angular Chimnies to Meas. } 66	3	Brick-Work reduced by a Table. } 5 to 7	5 to 7
		— By Arithmetick.	65
		Barns, to frame.	20
		Barn Floors to lay. }	23
		Bracketing to Cornishes.	20
		— To Modilation Cornishes.	20
		— To Coves.	20
		Beams to Truss. }	20
		Boarding with rough Deal. }	21
			40 41 42
			Boarding

I N D E X.

	Page No.		Page No.
Boarding with whole Deal.	22	—with Purple Common.	17 30
Boards, how many will lay a Square at five several Gauges, a Table thereof.	22	Chimney-Pieces to measure.	68
Bridging Joists, their Scant.	29	Coping of Portland Stone.	17 34
Beams, their Scantling.	ib.	Curbs of Portland Stone.	17 36
Ball Cocks of various Sorts, their Prices.	41	—Holes cut therein.	17 37
Brass Cocks, with Bosses of various Sorts.	41	Columns of PORTLAND Stone, fluting.	17 39
Bars for Chimnies.	52	Capitals carving on Stone.	17 40
— for Windows.	52	— on Wood	44 6
Bolts of Iron by lb.	52	Carcase of a House to frame.	18 1
— various Sorts.	56	— to measure.	61 1
Black Hinges.	55	Centering to Vaults.	20 29
Bricks, how many to a Load.	78	— to Groins.	20 30
Board, a Table for measuring thereof.	111	— to Apertures.	20 31
—An Explanation of it.	135	Circular Windows to meas.	70
C		Cross Multiplication.	58
Carpenters Work.	18	A Chain's Length.	71 34
— to measure.	61	Coolers for Brewing.	24 96
Carvers Work.	44	Ceiling.	24 95
Coves to measure.	68	— their Scantlings.	31
Chimnies to measure.	65	Cisterns of Lead.	39 4
Columns to measure.	67	Ceilings fine floated.	43 9
Cornishes of fine Brick.	3	— Common.	43 10
Cornish of Marble.	17	Corinthian Cornish, with Plaster enriched.	44 18
Cornishes, plain with Deal.	24	Casements.	52 6
— with Dentils.	24	Chains per Pound.	52 8
— with Modillions.	24	Casement Hooks.	54 XII.
— with Plaster.	44	Cramps.	52 7
Chimney-Pieces of Marble.	17	Clout Nails.	53 IV.
Chimney-Pieces of Portland Stone.	17	— Brads.	53 IV.
Chimney - Pieces with White vein'd Marble.	17	Cart-Nails.	54 VIII.
— with Statuary Marble.	17	Curtain-Hooks.	54 XII.
— with Black and Yellow.	17	Cross Garnet Hinges.	55
		D	
		DUodecimal Arithmetick, Rules to be observed.	57
		Digging foundations.	1 1
		Doors of whole Deal.	23 83
		— with Linings.	23 85
		— with silt Deal and Linings.	24 90
		Doors pannelled of various Sorts.	24 86
			89
			Doors

I N D E X.

	Page No.		Page No.
Doors, how measured.	63 14	Fir, its Price in London.	20 23
Dressers of whole Deal.	24 91		25
Dressers with 2 Inch Deal.	24 92	Fencing with Clift Pale,	27 119
—with 2 ½ inch Deal.	24 94	various Sorts thereof.	120
—with Elm or Beach.	24 93	—with Boards, various	143
Dentil Cornishes.	24 107	Sorts thereof.	148
Dorick Entablatures.	24 108	—how measured.	64 16
Drying Oil, the best.	46	Floors of grey Plaister,	43 5
Dogg Nails.	53 V.	—with red Plaister.	43 6
Dove-Tail'd Hinges.	55 XVII.	Friezes with Plaister, in	44 21
Deals to a Hundred.	71 20	rich'd with Oak Leaves	22
Door Cases to measure.	62 12	Frames of Plaister, on	44 22
Doors of Iron.	52 5	Stair Cases fully in rich'd	44 22
		Festoons, large, of Fruit	44 22
E		and Flowers.	52 7
E Stimating, infallible	18	Fenders, Iron.	111
Rules to be observed	19	Flat Measure, a Table	135
therein.		thereof.	
Eves Board and Rafters	18 11	—explained.	
Feet.		Foot, Square or Cubical,	71 1
F		the Inches contained	2
FRAMING, an in-	18	therein.	
fallible Way to	19	Furlong, its Length.	71 35
know the Value of a		Frontispiece to Measure.	64 18
Square.			52
Floors to Frame with	12	Floors in Barns to lay.	21 53
binding Joists.	20 13		54
— with Girders and		G	
Joists.	20 14	GLASIERS Work.	42
— common ditto	20 21	Gables to measure.	62 3
Flooring with rough	21 40	Grey Plaister Floors.	43 5
Deal Boards.	21 44	Grey Stock Bricks.	1 4
—with folding Joists.	21 46	Gutter Tiles.	1 11
—common freight Joists.	21 47	Groins cut to Arches.	3 21
—second best doubled.	21 48	Guttering bridged.	20 28
—dit. taken up and relaid.	21 50	—and Bearers of Oak.	20 36
—with clean Deals douled.	21 48	Gates of whole Deal.	23 85
—ditto with long boards.	21 49	Ground Celling.	24 95
Flooring, how measured.	63 5—6	Girt Windows of Oak.	25 117
Foundations to dig.	1 1	Girders, their Scant-	37
Facios of Brick.	3 22	lings.	28
— how measured.	67 5	Glazing of Sashes.	42 1—3
Fire-Stone, R Y G A T Z, }	17 20	--with Crown Glass, leaded.	42 4
Hearths and Covings. }	17 38	--Sashes with Newcastle Gl	42 5
Friezes of Marble.	67 5	B b z	Glaze
Frezes to Measure.			

I N D E X.

	Page No.		Page No.
Glazing with New-		Joints, their Scantlings.	28
cattle Glass, leaded.	42	Ionic Cornish. in Plaster.	44 19
Sashes with waved		Iron Railing, plain.	52 2
or jealous Glass.	42	Ditto, with Pilasters.	52 3
—with Plate Glass	42	Jobert Nails.	53 VI.
Diamond-cut.	42	Joyners Rivets.	54 XI.
Glazing with Squares			
and Quarries.	44	L	
the Workmen find-		atches of various sorts.	56
ing Lead and Sodder	42	Lime to a Rod of }	
only.	42	Brick Work.	2
Glass in Quarries scour-		to the Load.	71 17
ing, foddering, &c.	42	to the Hundred	71 19
Glasiers Work to measure.	69	Lathes, how many Yards }	
Green Painting.	45	one bundle will do.	4
Gudgions made and sold.	52	Lutheran Windows of }	25 117
General Nails.	53	Oak and Fir.	25 118
Glasiers Spriggs.	54	Lead in Sheets	39 1, 2
Glass, the Table.	71	A Table thereof, for	
the Case.	71	computing the Ex- pence of covering any Place therewith at any Thickness.	39
H		Lead new cast and laid.	39 3
HINGES.	54 XIII.	Old to exchange for New.	39 3
Rising Joints.	55	Cisterns with Ornaments.	39 4
Hinges for Pews.	55 XIV.	Pipes from $\frac{1}{4}$ to 7 In. Bore.	39 5
for Shutters.	55 XV.	Ditto to Sodder.	41 7
Dove-Tailed Hinges.	55 XVII.	Rain Water Pipes.	39 6
Black Hinges.	55	Pumps.	39 6
Cross Garnet Hinges.	55	Weights for Sashes.	41 21
Hinges with Hooks.	55	old Allowance for it.	41 23
Holdfasts.	55	Lime white and Whitening.	44 25
Hooks and Eyes for Gates.	55	Linsfeed Oil, how sold.	46
Hinges smooth filed.	56	Lead, the Fodder.	71 24
Halt Paces joisting and		the Hundred.	71 25
framing.	23 75	Locks.	56
Hips, to measure.	63 4	Linings of Walls.	21 55
Hide of Land, what	71 39	M	
Hoops, and Hooks.	52 8	MASONS Work.	16
I		how measured.	68 I
IRON a Tun.	71 23		
Joyners Work.	23, 24		
how Measured.	63, 64		
ITALIAN Marble.	16 1		

I N D E X.

	Page No.		Page No.
Modillion Cornishes.	24 105	O	
— how measured.	63 15	O Verways their Scantling.	31
Modillion Cornishes to }		Ovolo's carved.	44 1
paint.	47 12	O. G. carved.	44 2
Mouldings with Deal.	24 104	Olive Colour Painting.	45 8
— with Plaster enriched.	44 16	Oil of Linseed.	46
Marble of various sorts, &c.	16 1	— best drying	46
— Work done thereon.	16 2—3	— Turpentine.	46
— Chimney Pieces.	17 27	Oak Timber cut to Scant-	
— Dove coloured,	16 6	lings in Colchester. }	18 10
— Purple colour'd in Slabs.	16 5	— in London.	20 20
Measuring of Solids, as			
Timber, Stone, &c. }	72	P	
by a Table.		PLUMBERS Work.	39
— an Explanation thereof.	107	Plasterers Work.	43
Measuring of Superficies }	111	— to measure.	67
by a Table.		Painters Work.	45
— an Explanation thereof.	135	— to measure.	70
Multiplication of Feet }	57	Paviours Work.	46
and Inches by Feet and }	58	— to measure.	67 8
Inches Duodecimally.	59	Pan Tiles.	1 9
To multiply by the com-		— Dutch glazed.	1 10
petent Parts of a }	136	Plain Tiles.	1 8
Number, instead of }	137	Paving with Place Brick.	3 30
the whole.		— with 10 Inch Tiles.	3 33
		— with 12 Inch ditto.	3 32
		Pan Tiling of various }	3 41
		forts.	3 43
		Plain Tiling.	3 35
		— Materials to a Square.	3 36
		— Tiling of various Sorts }	4
		done by Bricklayers.	
		Portland Stone.	16 7
		— Streight Plain Work,	8
		Plain, and Circular }	16 9
		Moulded Work on dit.	10
		Portland Paving.	17 21
		— with Black Marble Dots.	17 22
		Purbeck Stone Paving.	17 23
		Paving with Black and }	17 26
		White Marble Squares.	
		Portland Steps astragalled.	17 31
		— plain ditto.	17 32
		Pillasters	

N

NAILS, a Description	
tion thereof, and how	
they are fold. }	52
General Nails.	53 I.
Nails flat pointed, strong }	53 II.
or drawn.	
Special Nails.	53 III.
Clout Nails.	53 IV.
Dogg Nails.	53 V.
Jobent Nails.	53 VI.
Round Head Nails.	54 VII.
Pound Nails.	54 VIII.
Cart Nails.	54 VIII.
Ribbing Nails	54 VIII.
Weight Nails.	53 II.
Nails, the Hundred.	71 21
— the Thousand.	71 22

I N D E X.

	Page No.		Page No.
Pillasters fluting.	17	a Table for estimating	
Paving, a Table thereof.	48	the Expence of laying	
—with Flanders Brick.	46	down any Number of	40
—with Purbeck Squares.	46	Yards thereof.	
—Ditto. 6 Inches thick.	47	Painting, the Expence	1
—with Kentish Squares.	47	thereof for any Colour	to
—with Rags.	47	by the Yard.	13
—with New Rags or Bowlers	47	Paint of all Colours, how	
Paving with new Pebbles.	47	fold, and what Num-	
—with red Bricks.	47	ber of Yards one pound	45
—with white ditto.	47	of each will Paint.	46
—with Clinkers.	47	Face, its Length.	71
—with 9 Inch Pammants.	47	Pole or Perch, what	71
—with Free-Stone.	49	Pillasters to Measure.	64
—with white Marble			
veined with red in	47	R	
Squares.		ROOFS to Frame.	18
Partitions framed.	18	—with Plates included.	20
—of whole Deal and slit.	22	—how measured.	62
Plank, 2 and 3 Inches		Rafters, Feet and Eves board	18
thick, its Price.	24	—how measured.	63
—from 1 to 4 Inches		Rustics to Measure.	67
thick, how many Feet	71	Returns of Bricks.	3
to the Load.		Rough-casting of various	
Paling with Clift Pale,		sorts, by Bricklayers.	43
various sorts thereof.	25	Rafters, their Scantling.	30
Park-paling, several sorts	25	Rain-Water Pipes.	39
thereof.		Rendering floated.	43
Pold-Gates.	25	—common ditto.	43
Pallisading, several sorts	26	—on Groins.	43
thereof.		Round Head Nails.	54
Pallisado Gates.	25	Ribbing Nails.	54
Principal Posts, their	26	S	
Scantling.		S And to a Rod of Brick W.	2
Purlines, their Scantling.	31	Steps of Purbeck Stone.	17
Plates or Raifings, their Sc.	31	—of Portland Stone,	
Pumps of Lead.	39	aftagalled.	17
—Irons.	52	Stairs of sundry Sorts.	22
Pipes of Lead from $\frac{3}{4}$ to		—how measured.	23
7 Inch Bore.	39	Squares for Brewing.	68
—for Rain Water.	39	Sashes of Deal.	24
—to Sodder, from $\frac{3}{4}$ to		—with Deal Frames.	25
7 inches Bore.	41	Sashes of Wainscot.	25

I N D E X.

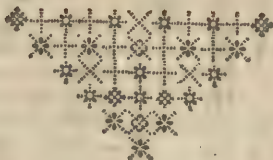
	Page No.		Page No.
Sashes with Deal, or } Wainscot Frames. } 25	112 116	Timber Nails.	54 VIII.
Sashes painting. } 45	4	Timber, how much to a Load. } 71	6
Sashes glazed with } Crown Glafs. } 42	2	Tiles of various sorts, } 1	8
—with Newcastle Glafs. } 42	2	their Price. } 1	9
—with Waved or Jealous G. } 42	6	—how many to a Load. } 71	16
—Weights. } 41	21	A Table of Brick-Work } 5	
Sodder. } 41	22	reduced. } 5	
Stoco of various forts. } 43	7, 8	—shewing how many } Bricks are required to } build any Piece of Brick- } Work. } 10	
Smiths Work. } 52		—of Tiling, shewing } how many will cover } any Roof. } 14	
Slaters Work. } 42		—four Tables for the } valuing of Timber or } Stone in Scantlings. } 32	
Size, double and single. } 46		A Table of Pavements, } shewing how many Pav- } ing Tiles or Bricks, &c. } will pave any Floor. } 48	
Saddle Bars. } 52	7	Seventeen Tables of the } value of Nails, Hinges, } &c. } 55	
Screws for Wood-work. } 54	XII.	A Table of Solid Mea- } sure, for the measuring } of Timber, Stone, &c. } round, square, or un- } equal sided. } 73	
Side Hinges. } 55	XVI.	—of flat or superficial Mea- } sure, for measuring of } Board, Plank, Glafs, &c. } —ready calculated for } shewing the Value of } any Number of Feet, } Yards, Squares, Rods, } &c. at any Price per } Foot, Yard, &c. } 139	
Shutter Hinges. } 55	XV.		184
Sashes, how measured. } 69			
Square, what } 70			
Sand, the Load. } 71	18		
Shutters to Windows, } 63	13		
to measure. } 63	14		
T			
THatchers Work. } 57			
—how measured. } 62			
Tiling with Plain Tiles. } 3	34		
—with Pan Tiles. } 3	to 39		
—to measure. } 67	40		
Timber, to measure by } 73	6		
a Table. } 73			
—explained. } 107			
—to measure by Arith- } metic, Three several } Ways. } 110			
Timber Oak in Scant- } lings, how valued in } London. } 20	20		
—in Colchester. } 18	10		
—proper Scantlings } for Building, from } Page } 27 to 31			
Tenter Hooks. } 54	IX.	U	
		UNDERPINNING. } 3	26
		Weather-	

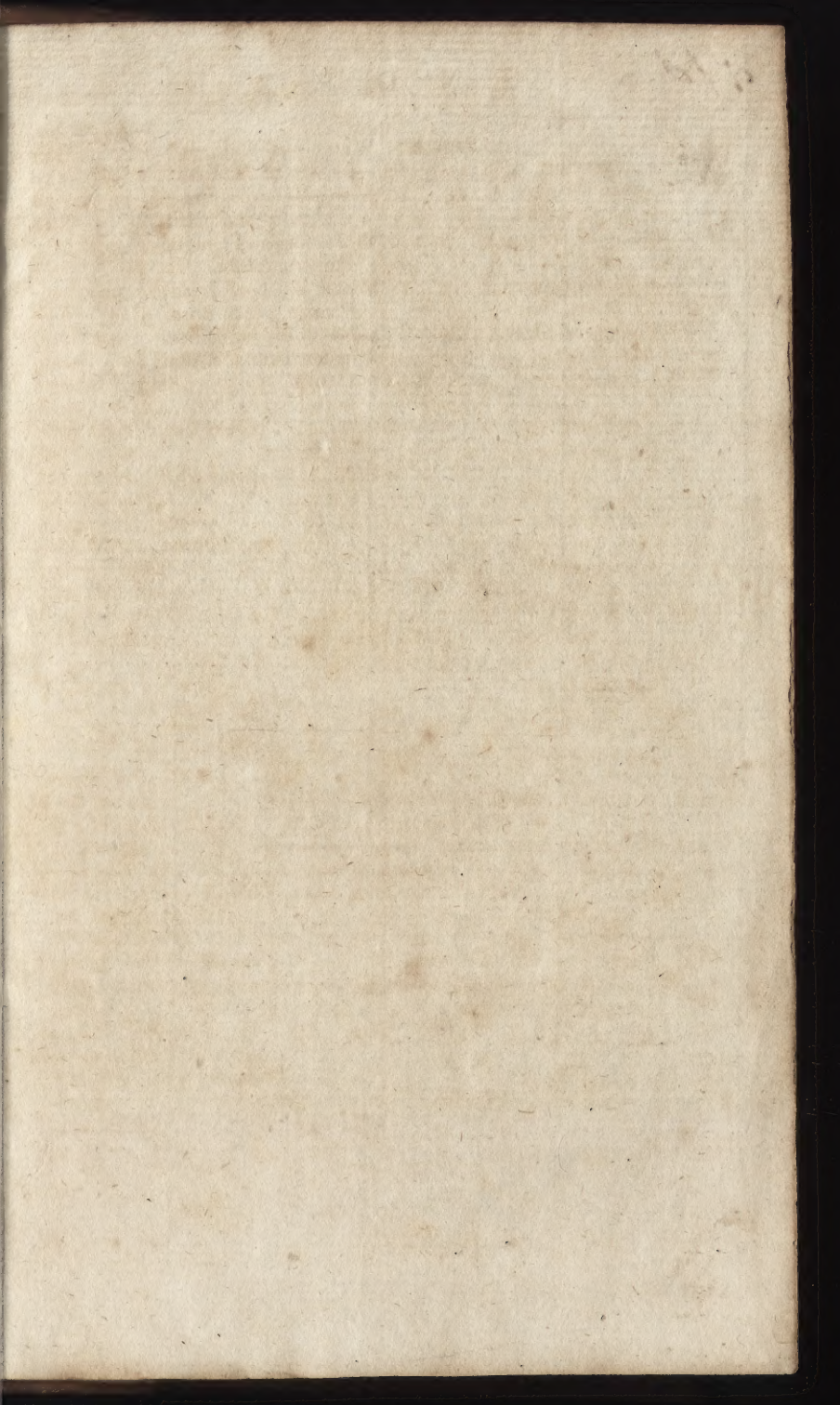
I N D E X.

W

	Page No.		Page No.
W eatherboarding of } 21 52		Windows of Oak: } 25 117	
various forts. } 22 60		of Fir. } 25 118	
—how measured. } 63 7		to measure. } 63 10	
W ainscoting of several } 24 100		Wells to dig and brick. } 3 28	
forts. } 24 103		Whitening and Colour- } 68 5	
—how measured. } 64 17		ing to measure. } 68 5	
W hite Washing, with } 44 14		Water Pipes of Lead, } 39 5	
Whitening and Size. } 44 14		from to 7 Inch Bore. } 39 5	
—of new Work. } 44 15		to solder Joints. } 41 7	
W ood Screws. } 54 XII.		Window Bars and Wall } 52 7	
		Hooks. } 52 7	

F I N I S.





87d

85-B403 |

7/83

HIL=

5640

SPECIAL

85. B

4031

GETTY CENTER LIBRARY

